

October 17, 2005

Fluid Minerals Group  
Bureau of Land Management  
Vernal Field Office  
170 South 500 East  
Vernal, Utah 84078

RE: Application for Permit to Drill—Dominion Exploration & Production, Inc.  
HCU 7-30F: *Surface Location:* 2,082' FNL & 836' FEL, SE/4 NE/4,  
*Target Location:* 1,800' FNL & 2,000' FEL, SW/4 NE/4,  
Section 30, T10S, R20E, SLB&M, Uintah County, Utah

Dear Fluid Minerals Group:

On behalf of Dominion Exploration & Production, Inc. (Dominion), Buys & Associates, Inc. respectfully submits the enclosed original and two copies of the *Application for Permit to Drill (APD)* for the above referenced tribal directional well. A request for exception to spacing (R649-3-11) is hereby requested based on topography since the well is located within 460' of the drilling unit boundary. Dominion Exploration & Production, Inc. is the only owner and operator within 460' of the proposed well and all points along the intended well bore path. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and photos of the proposed well site;

Exhibit "B" - Proposed location maps with access and utility corridors;

Exhibit "C" - Production site layout;

Exhibit "D" - Drilling Plan;

Exhibit "E" - Surface Use Plan;

Exhibit "F" - Typical BOP and Choke Manifold diagram.

Please accept this letter as Dominion's, written request for confidential treatment of all information contained in and pertaining to this application.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Carla Christian of Dominion at 405-749-5263 if you have any questions or need additional information.

Sincerely,

*Don Hamilton*

Don Hamilton  
Agent for Dominion

cc: Diana Whitney, Division of Oil, Gas and Mining  
Bucky Secakuku, BIA—Uintah & Ouray Agency  
Carla Christian, Dominion

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DIV. OF OIL, GAS & MINING

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. U-29784
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name Ute Indian Tribe
2. Name of Operator Dominion Exploration & Production, Inc.		7. If Unit or CA Agreement, Name and No. Hill Creek Unit
3a. Address 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134	3b. Phone No. (include area code) 405-749-5263	8. Lease Name and Well No. HCU 7-30F
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface 2,082' FNL & 836' FEL, SE/4 NE/4, At proposed prod. zone 1,800' FNL & 2,000' FEL, SW/4 NE/4,		9. API Well No. 43047-37284
11. Sec., T. R. M. or Blk. and Survey or Area Section 30, T10S, R20E, SLB&M		10. Field and Pool, or Exploratory Natural Buttes
12. Distance in miles and direction from nearest town or post office* 11.71 miles south of Ouray, Utah		12. County or Parish Utah
13. State UT		13. State UT
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 836'	16. No. of acres in lease 640 acres	17. Spacing Unit dedicated to this well 40 acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 25'	19. Proposed Depth 8,250' TVD (8,450' MD)	20. BLM/BIA Bond No. on file 76S 63050 0330
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5,226' GR	22. Approximate date work will start* 12/01/2005	23. Estimated duration 14 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature <i>Don Hamilton</i>	Name (Printed/Typed) Don Hamilton	Date 10/17/2005
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Title Agent for Dominion		
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Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 10-25-05
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Title ENVIRONMENTAL SCIENTIST III		
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Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)

Surf 611068X 39.919720 BHL 610711X 39.920520  
4419445Y - 109.700400 4419529Y - 109.704560

Federal Approval of this  
Action is Necessary

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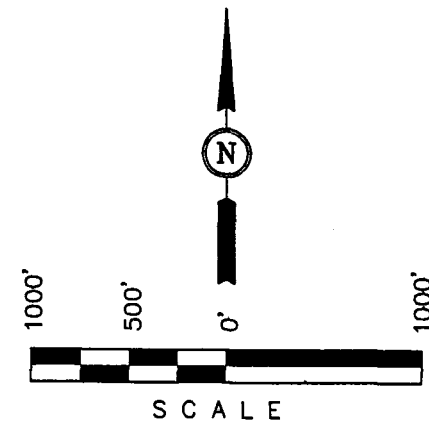
T10S, R20E, S.L.B.&M.

DOMINION EXPLR. & PROD., INC.

Well location, HCU #7-30F, located as shown in the SE 1/4 NE 1/4 of Section 30, T10S, R20E, S.L.B.&M. Uintah County, Utah.

### BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 30, T10S, R20E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NW QUADRANGLE, UTAH, UTAH COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.



### CERTIFICATE

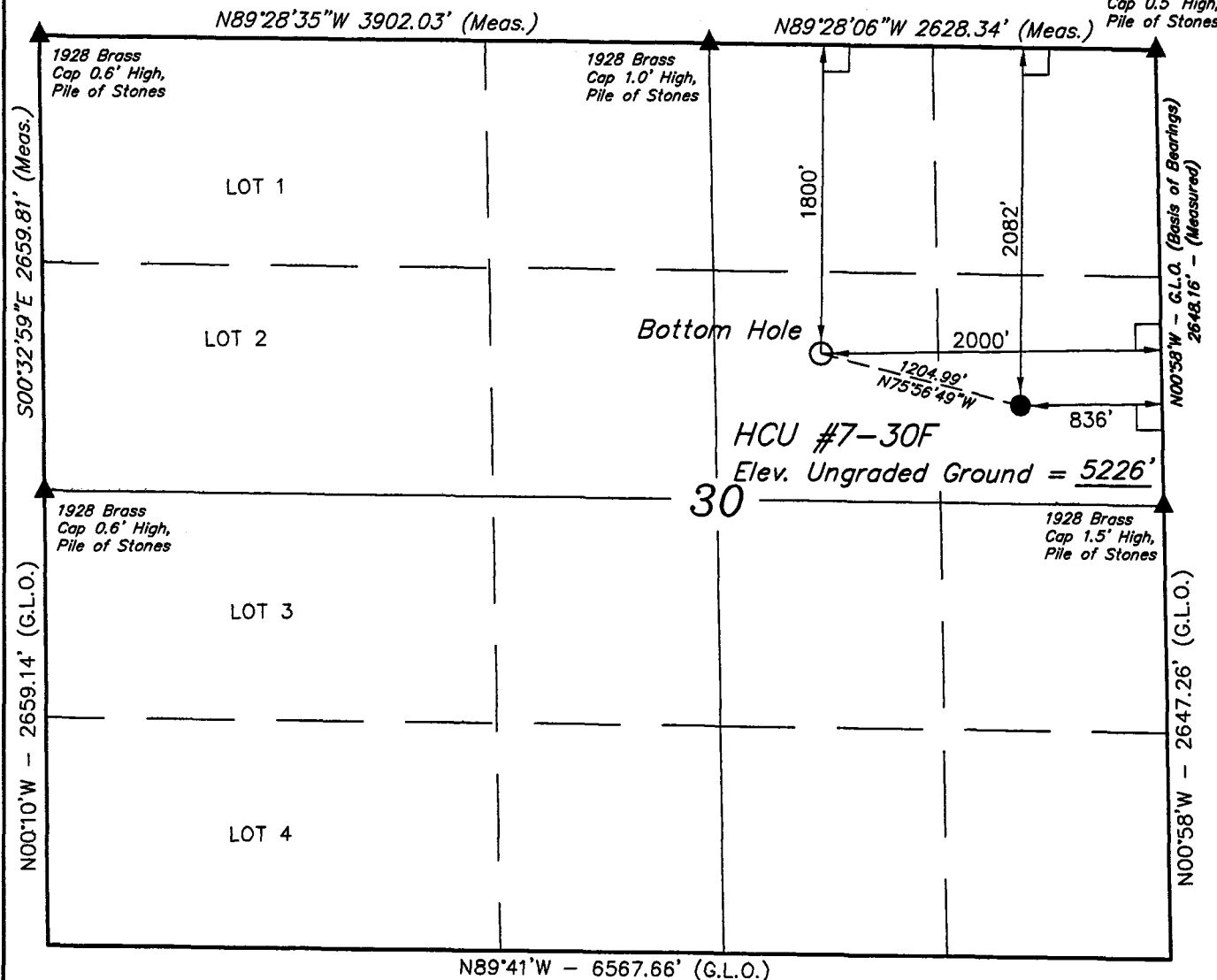
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

REVISED: 04-28-05

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 03-25-05	DATE DRAWN: 04-25-05
PARTY M.A. C.R. L.K.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE DOMINION EXPLR. & PROD., INC.	



### LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)  
LATITUDE = 39°55'10.92" (39.919700)  
LONGITUDE = 109°42'03.92" (109.701089)  
(NAD 27)  
LATITUDE = 39°55'11.05" (39.919736)  
LONGITUDE = 109°42'01.42" (109.700394)

## DRILLING PLAN

### APPROVAL OF OPERATIONS

#### Attachment for Permit to Drill

**Name of Operator:** Dominion Exploration & Production  
**Address:** 14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134  
**Well Location:** HCU 7-30F  
SHL: 2082' FNL & 836' FEL Section 30-10S-20E  
BHL: 1800' FNL & 2000' FEL Section 30-10S-20E  
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	4,005'
Uteland Limestone	4,370'
Wasatch	4,520'
Chapita Wells	5,415'
Uteland Buttes	6,580'
Mesaverde	7,395'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	4,005'	Oil
Uteland Limestone	4,370'	Oil
Wasatch	4,520'	Gas
Chapita Wells	5,415'	Gas
Uteland Buttes	6,580'	Gas
Mesaverde	7,395'	Gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Conn.</u>	<u>Top</u>	<u>Bottom</u>	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0'	500'	17-1/2"
Intermediate	9-5/8"	36.0 ppf	J-55	LTC	0'	2,800'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	8,250'	7-7/8"

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

Production hole: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from intermediate casing to total depth. The blind rams will be tested once per day from intermediate casing to total depth if operations permit.

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## DRILLING PLAN

### APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling below the intermediate casing shoe. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

#### 6. MUD SYSTEMS

- An air or an air/mist system may be used to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.

<u>Depths</u>	<u>Mud Weight (ppg)</u>	<u>Mud System</u>
0' - 500'	8.4	Air foam mist, no pressure control
500' - 2,800'	8.6	Fresh water, rotating head and diverter
2,800' - 8,250'	8.6	Fresh water/2% KCL/KCL mud system

#### 7. BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a constant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 100' from the wellhead.

#### 8. AUXILIARY EQUIPMENT TO BE USED

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

#### 9. TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

#### 10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500-2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H<sub>2</sub>S gas.

#### 11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this well will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

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## DRILLING PLAN

### APPROVAL OF OPERATIONS

#### 12. CEMENT SYSTEMS

##### a. Surface Cement:

Drill 17-1/2" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl<sub>2</sub> and 1/4 #/sk. Poly-E-Flakes (volume includes 40% excess). Top out if necessary with Top Out cement listed below.

##### b. Intermediate Casing Cement:

- Drill 12-1/4" hole to 2,800'±, run and cement 9-5/8" to surface.
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug two joints off bottom e) bottom three joints thread locked f) pump job with bottom plug only.
- Cement to surface not required due to surface casing set deeper than normal.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume	Excess
Lead	300	0'-2,000'	11.0 ppg	3.82 CFS	658 CF	1,152 CF	75%
Tail	390	2,000'-2,800'	15.6 ppg	1.20 CFS	268 CF	469 CF	75%

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.  
Slurry yield: 3.82 cf/sack      Slurry weight: 11.00 #/gal.  
Water requirement: 22.95 gal/sack  
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.  
Pump Time: 1 hr. 5 min. @ 90 °F.  
Compressives @ 95 °F: 24 Hour is 4,700 psi

##### c. Production Casing Cement:

- Drill 7-7/8" hole to 8,250'±, run and cement 5 1/2".
- Cement interface is at 3,700', which is typically 500'-1,000' above shallowest pay.
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 3% KCL.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume	Excess
Lead	90	3,700'-4,500'	11.5 ppg	3.12 CFS	139 CF	277 CF	100%
Tail	600	4,500'-8,250'	13.0 ppg	1.75 CFS	525 CF	1050 CF	100%

Note: Caliper will be run to determine exact cement volume.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.  
Slurry yield: 3.12 cf/sack      Slurry weight: 11.60 #/gal.  
Water requirement: 17.71 gal/sack  
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322, & HR-5.  
Slurry yield: 1.75 cf/sack      Slurry weight: 13.00 #/gal.  
Water requirement: 9.09 gal/sack  
Compressives @ 165°F: 905 psi after 24 hours

#### 13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: December 1, 2005  
Duration: 14 Days

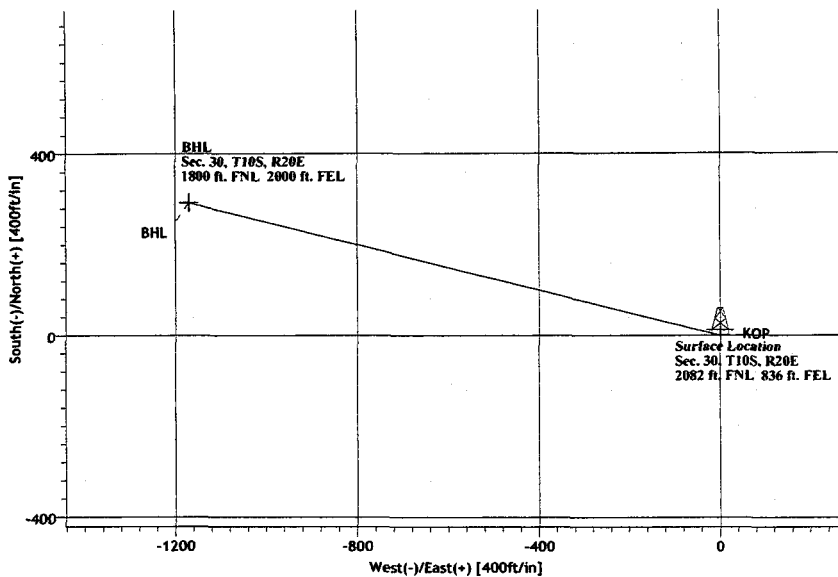
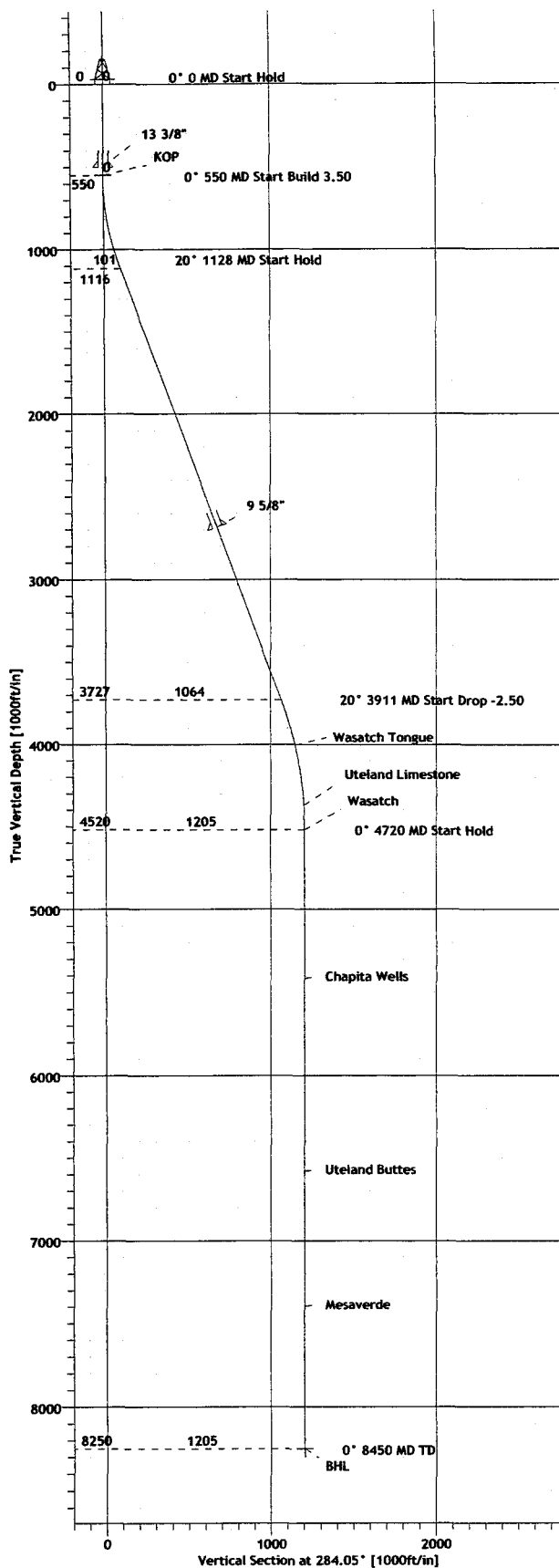
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# Plan #1

# Dominion E & P

Well: HCU 7-30F  
Field: Hill Creek Unit  
Uintah Co. Utah  
Sec. 30, T10S, R20E



## SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	284.05	0.00	0.00	0.00	0.00	0.00	0.00	
2	550.00	0.00	284.05	550.00	0.00	0.00	0.00	284.05	0.00	
3	1128.14	20.23	284.05	1116.20	24.53	-98.01	3.50	284.05	101.03	
4	3911.02	20.23	284.05	3727.32	258.25	-1031.72	0.00	0.00	1063.55	
5	4720.42	0.00	284.05	4520.00	292.60	-1168.93	2.50	180.00	1204.99	
6	8450.42	0.00	284.05	8250.00	292.60	-1168.93	0.00	284.05	1204.99	

## WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
HCU 7-30F	0.00	0.00	7144562.28	2144914.65	39°55'10.920N	109°42'03.920W	N/A

## FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	4005.00	4200.98	Wasatch Tongue
2	4370.00	4570.31	Uteland Limestone
3	4520.00	4720.42	Wasatch
4	5415.00	5615.42	Chapita Wells
5	6580.00	6780.42	Uteland Buttes
6	7395.00	7595.42	Mesaverde

## WELLPATH DETAILS

Rig:			
Ref. Datum:	est.KB@5245'		0.00ft
V.Section Angle	Origin +N/-S	Origin +E/-W	Starting From TVD
284.05°	0.00	0.00	0.00

## CASING DETAILS

No.	TVD	MD	Name	Size
1	500.00	500.00	13 3/8"	13.375
2	2684.87	2800.00	9 5/8"	9.625

## REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Site Centre HCU 7-30F, True North  
Vertical (TVD) Reference: est.KB@5245' 0.00  
Section (VS) Reference: Site Centre (0.00N,0.00E)  
Measured Depth Reference: est.KB@5245' 0.00  
Calculation Method: Minimum Curvature

## FIELD DETAILS

Natural Buttes Field  
Uintah County, Utah  
USA

Geodetic System: US State Plane Coordinate System 1983  
Ellipsoid: GRS 1980  
Zone: Utah, Central Zone  
Magnetic Model: igrf2005  
System Datum: Mean Sea Level  
Local North: True North

## SITE DETAILS

HCU 7-30F  
Hill Creek Unit  
Sec. 30, T10S, R20E

Site Centre Latitude: 39°55'10.920N  
Longitude: 109°42'03.920W  
Ground Level: 5227.00  
Positional Uncertainty: 0.00  
Convergence: 1.15



Azimuths to True North  
Magnetic North: 11.92°

Magnetic Field  
Strength: 52917nT  
Dip Angle: 65.92°  
Date: 5/3/2005  
Model: igrf2005

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# Ryan Energy Technologies

## Planning Report



Company: Dominion E & P  
Field: Natural Buttes Field  
Site: HCU 7-30F  
Well: HCU 7-30F  
Wellpath: 1

Date: 5/4/2005 Time: 11:03:59 Page: 1  
Co-ordinate(NE) Reference: HCU 7-30F, True North  
Vertical (TVD) Reference: est.KB@5245' 0.0  
Section (VS) Reference: Site (0.00N,0.00E,284.05Azi)  
Plan: Plan #1

Field: Natural Buttes Field  
Uintah County, Utah  
USA

Map System: US State Plane Coordinate System 1983  
Geo Datum: GRS 1980  
Sys Datum: Mean Sea Level

Map Zone: Utah, Central Zone  
Coordinate System: Site Centre  
Geomagnetic Model: igrf2005

Site: HCU 7-30F  
Hill Creek Unit  
Sec. 30, T10S, R20E

Site Position:  
From: Geographic  
Position Uncertainty: 0.00 ft  
Ground Level: 5227.00 ft

Northing: 7144562.28 ft  
Easting: 2144914.65 ft

Latitude: 39 55 10.920 N  
Longitude: 109 42 3.920 W  
North Reference: True  
Grid Convergence: 1.15 deg

Well: HCU 7-30F

Slot Name:

Surface Position: +N/-S 0.00 ft  
+E/-W 0.00 ft  
Position Uncertainty: 0.00 ft  
Reference Point: +N/-S 0.00 ft  
+E/-W 0.00 ft

Northing: 7144562.28 ft  
Easting: 2144914.65 ft  
Northing: 7144562.28 ft  
Easting: 2144914.65 ft  
Measured Depth: 0.00 ft  
Vertical Depth: 0.00 ft

Latitude: 39 55 10.920 N  
Longitude: 109 42 3.920 W  
Latitude: 39 55 10.920 N  
Longitude: 109 42 3.920 W  
Inclination: 0.00 deg  
Azimuth: 0.00 deg

Wellpath: 1

Current Datum: est.KB@5245'  
Magnetic Data: 5/3/2005  
Field Strength: 52917 nT  
Vertical Section: Depth From (TVD)  
ft

Height 0.00 ft  
+N/-S  
ft

Drilled From: Well Ref. Point  
Tie-on Depth: 0.00 ft  
Above System Datum: Mean Sea Level  
Declination: 11.92 deg  
Mag Dip Angle: 65.92 deg  
+E/-W  
ft  
Direction  
deg

0.00

0.00

0.00

284.05

Plan: Plan #1

Date Composed: 5/3/2005  
Version: 1  
Tied-to: From Well Ref. Point

Principal: No

### Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	284.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
550.00	0.00	284.05	550.00	0.00	0.00	0.00	0.00	0.00	284.05	
1128.14	20.23	284.05	1116.20	24.53	-98.01	3.50	3.50	0.00	284.05	
3911.02	20.23	284.05	3727.32	258.25	-1031.72	0.00	0.00	0.00	0.00	
4720.42	0.00	284.05	4520.00	292.60	-1168.93	2.50	-2.50	0.00	180.00	
8450.42	0.00	284.05	8250.00	292.60	-1168.93	0.00	0.00	0.00	284.05	

### Section 1 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
0.00	0.00	284.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	284.05	100.00	0.00	0.00	0.00	0.00	0.00	0.00	284.05
200.00	0.00	284.05	200.00	0.00	0.00	0.00	0.00	0.00	0.00	284.05
300.00	0.00	284.05	300.00	0.00	0.00	0.00	0.00	0.00	0.00	284.05
400.00	0.00	284.05	400.00	0.00	0.00	0.00	0.00	0.00	0.00	284.05
500.00	0.00	284.05	500.00	0.00	0.00	0.00	0.00	0.00	0.00	284.05
550.00	0.00	284.05	550.00	0.00	0.00	0.00	0.00	0.00	0.00	284.05

### Section 2 : Start Build 3.50

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
600.00	1.75	284.05	599.99	0.19	-0.74	0.76	3.50	3.50	0.00	0.00
700.00	5.25	284.05	699.79	1.67	-6.66	6.87	3.50	3.50	0.00	0.00

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# Ryan Energy Technologies

## Planning Report



Company: Dominion E & P  
Field: Natural Buttes Field  
Site: HCU 7-30F  
Well: HCU 7-30F  
Wellpath: 1

Date: 5/4/2005 Time: 11:03:59  
Co-ordinate(NE) Reference: HCU 7-30F, True North  
Vertical (TVD) Reference: KB@5245' 0.0  
Section (VS) Reference: Site (0.00N,0.00E,284.05Azi)  
Plan: Plan #1

Page: 2

### Section 2 : Start Build 3.50

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
800.00	8.75	284.05	799.03	4.63	-18.48	19.05	3.50	3.50	0.00	0.00
900.00	12.25	284.05	897.34	9.05	-36.16	37.27	3.50	3.50	0.00	0.00
1000.00	15.75	284.05	994.35	14.92	-59.62	61.46	3.50	3.50	0.00	0.00
1100.00	19.25	284.05	1089.71	22.22	-88.79	91.53	3.50	3.50	0.00	0.00
1128.14	20.23	284.05	1116.20	24.53	-98.01	101.03	3.50	3.50	0.00	0.00

### Section 3 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
1200.00	20.23	284.05	1183.62	30.57	-122.12	125.89	0.00	0.00	0.00	0.00
1300.00	20.23	284.05	1277.45	38.97	-155.67	160.47	0.00	0.00	0.00	0.00
1400.00	20.23	284.05	1371.28	47.37	-189.22	195.06	0.00	0.00	0.00	0.00
1500.00	20.23	284.05	1465.11	55.76	-222.77	229.65	0.00	0.00	0.00	0.00
1600.00	20.23	284.05	1558.93	64.16	-256.33	264.24	0.00	0.00	0.00	0.00
1700.00	20.23	284.05	1652.76	72.56	-289.88	298.82	0.00	0.00	0.00	0.00
1800.00	20.23	284.05	1746.59	80.96	-323.43	333.41	0.00	0.00	0.00	0.00
1900.00	20.23	284.05	1840.42	89.36	-356.98	368.00	0.00	0.00	0.00	0.00
2000.00	20.23	284.05	1934.25	97.76	-390.53	402.58	0.00	0.00	0.00	0.00
2100.00	20.23	284.05	2028.08	106.15	-424.09	437.17	0.00	0.00	0.00	0.00
2200.00	20.23	284.05	2121.90	114.55	-457.64	471.76	0.00	0.00	0.00	0.00
2300.00	20.23	284.05	2215.73	122.95	-491.19	506.34	0.00	0.00	0.00	0.00
2400.00	20.23	284.05	2309.56	131.35	-524.74	540.93	0.00	0.00	0.00	0.00
2500.00	20.23	284.05	2403.39	139.75	-558.29	575.52	0.00	0.00	0.00	0.00
2600.00	20.23	284.05	2497.22	148.15	-591.85	610.11	0.00	0.00	0.00	0.00
2700.00	20.23	284.05	2591.05	156.55	-625.40	644.69	0.00	0.00	0.00	0.00
2800.00	20.23	284.05	2684.87	164.94	-658.95	679.28	0.00	0.00	0.00	0.00
2900.00	20.23	284.05	2778.70	173.34	-692.50	713.87	0.00	0.00	0.00	0.00
3000.00	20.23	284.05	2872.53	181.74	-726.05	748.45	0.00	0.00	0.00	0.00
3100.00	20.23	284.05	2966.36	190.14	-759.60	783.04	0.00	0.00	0.00	0.00
3200.00	20.23	284.05	3060.19	198.54	-793.16	817.63	0.00	0.00	0.00	0.00
3300.00	20.23	284.05	3154.01	206.94	-826.71	852.21	0.00	0.00	0.00	0.00
3400.00	20.23	284.05	3247.84	215.34	-860.26	886.80	0.00	0.00	0.00	0.00
3500.00	20.23	284.05	3341.67	223.73	-893.81	921.39	0.00	0.00	0.00	0.00
3600.00	20.23	284.05	3435.50	232.13	-927.36	955.98	0.00	0.00	0.00	0.00
3700.00	20.23	284.05	3529.33	240.53	-960.92	990.56	0.00	0.00	0.00	0.00
3800.00	20.23	284.05	3623.16	248.93	-994.47	1025.15	0.00	0.00	0.00	0.00
3900.00	20.23	284.05	3716.98	257.33	-1028.02	1059.74	0.00	0.00	0.00	0.00
3911.02	20.23	284.05	3727.32	258.25	-1031.72	1063.55	0.00	0.00	0.00	0.00

### Section 4 : Start Drop -2.50

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
4000.00	18.01	284.05	3811.39	265.33	-1059.99	1092.70	2.50	-2.50	0.00	180.00
4100.00	15.51	284.05	3907.13	272.33	-1087.96	1121.53	2.50	-2.50	0.00	180.00
4200.00	13.01	284.05	4004.04	278.31	-1111.86	1146.16	2.50	-2.50	0.00	180.00
4200.98	12.99	284.05	4005.00	278.37	-1112.07	1146.38	2.50	-2.50	0.00	-180.00
4300.00	10.51	284.05	4101.94	283.26	-1131.63	1166.54	2.50	-2.50	0.00	180.00
4400.00	8.01	284.05	4200.63	287.17	-1147.24	1182.63	2.50	-2.50	0.00	180.00
4500.00	5.51	284.05	4299.92	290.03	-1158.66	1194.40	2.50	-2.50	0.00	180.00
4570.31	3.75	284.05	4370.00	291.41	-1164.16	1200.08	2.50	-2.50	0.00	180.00
4600.00	3.01	284.05	4399.64	291.83	-1165.86	1201.83	2.50	-2.50	0.00	-180.00
4700.00	0.51	284.05	4499.58	292.58	-1168.84	1204.90	2.50	-2.50	0.00	180.00
4720.42	0.00	284.05	4520.00	292.60	-1168.93	1204.99	2.50	-2.50	0.00	-180.00

### Section 5 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
4800.00	0.00	284.05	4599.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
4900.00	0.00	284.05	4699.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
5000.00	0.00	284.05	4799.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
5100.00	0.00	284.05	4899.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05

CONFIDENTIAL



# Ryan Energy Technologies

## Planning Report



Company: Dominion E & P  
Field: Natural Buttes Field  
Site: HCU 7-30F  
Well: HCU 7-30F  
Wellpath: 1

Date: 5/4/2005 Time: 11:03:59  
Co-ordinate(NE) Reference: HCU 7-30F, True North  
Vertical (TVD) Reference: est.KB@5245' 0.0  
Section (VS) Reference: Site (0.00N,0.00E,284.05Azi)  
Plan: Plan #1

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### Section 5 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
5200.00	0.00	284.05	4999.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
5300.00	0.00	284.05	5099.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
5400.00	0.00	284.05	5199.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
5500.00	0.00	284.05	5299.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
5600.00	0.00	284.05	5399.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
5615.42	0.00	284.05	5415.00	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
5700.00	0.00	284.05	5499.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
5800.00	0.00	284.05	5599.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
5900.00	0.00	284.05	5699.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
6000.00	0.00	284.05	5799.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
6100.00	0.00	284.05	5899.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
6200.00	0.00	284.05	5999.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
6300.00	0.00	284.05	6099.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
6400.00	0.00	284.05	6199.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
6500.00	0.00	284.05	6299.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
6600.00	0.00	284.05	6399.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
6700.00	0.00	284.05	6499.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
6780.42	0.00	284.05	6580.00	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
6800.00	0.00	284.05	6599.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
6900.00	0.00	284.05	6699.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
7000.00	0.00	284.05	6799.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
7100.00	0.00	284.05	6899.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
7200.00	0.00	284.05	6999.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
7300.00	0.00	284.05	7099.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
7400.00	0.00	284.05	7199.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
7500.00	0.00	284.05	7299.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
7595.42	0.00	284.05	7395.00	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
7600.00	0.00	284.05	7399.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
7700.00	0.00	284.05	7499.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
7800.00	0.00	284.05	7599.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
7900.00	0.00	284.05	7699.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
8000.00	0.00	284.05	7799.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
8100.00	0.00	284.05	7899.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
8200.00	0.00	284.05	7999.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
8300.00	0.00	284.05	8099.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
8400.00	0.00	284.05	8199.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05
8450.42	0.00	284.05	8250.00	292.60	-1168.93	1204.99	0.00	0.00	0.00	284.05

### Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
0.00	0.00	284.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	284.05	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	284.05	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	284.05	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	284.05	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	284.05	500.00	0.00	0.00	0.00	0.00	0.00	0.00	
550.00	0.00	284.05	550.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP
600.00	1.75	284.05	599.99	0.19	-0.74	0.76	3.50	3.50	0.00	
700.00	5.25	284.05	699.79	1.67	-6.66	6.87	3.50	3.50	0.00	
800.00	8.75	284.05	799.03	4.63	-18.48	19.05	3.50	3.50	0.00	
900.00	12.25	284.05	897.34	9.05	-36.16	37.27	3.50	3.50	0.00	
1000.00	15.75	284.05	994.35	14.92	-59.62	61.46	3.50	3.50	0.00	
1100.00	19.25	284.05	1089.71	22.22	-88.79	91.53	3.50	3.50	0.00	
1128.14	20.23	284.05	1116.20	24.53	-98.01	101.03	3.50	3.50	0.00	
1200.00	20.23	284.05	1183.62	30.57	-122.12	125.89	0.00	0.00	0.00	
1300.00	20.23	284.05	1277.45	38.97	-155.67	160.47	0.00	0.00	0.00	
1400.00	20.23	284.05	1371.28	47.37	-189.22	195.06	0.00	0.00	0.00	
1500.00	20.23	284.05	1465.11	55.76	-222.77	229.65	0.00	0.00	0.00	
1600.00	20.23	284.05	1558.93	64.16	-256.33	264.24	0.00	0.00	0.00	

CONFIDENTIAL



# Ryan Energy Technologies

## Planning Report



Company: Dominion E & P  
Field: Natural Buttes Field  
Site: HCU 7-30F  
Well: HCU 7-30F  
Wellpath: 1

Date: 5/4/2005 Time: 11:03:59  
Co-ordinate(NE) Reference: HCU 7-30F, True North  
Vertical (TVD) Reference: KB@5245' 0.0  
Section (VS) Reference: Site (0.00N,0.00E,284.05Azi)  
Plan: Plan #1

Page: 4

### Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
1700.00	20.23	284.05	1652.76	72.56	-289.88	298.82	0.00	0.00	0.00	
1800.00	20.23	284.05	1746.59	80.96	-323.43	333.41	0.00	0.00	0.00	
1900.00	20.23	284.05	1840.42	89.36	-356.98	368.00	0.00	0.00	0.00	
2000.00	20.23	284.05	1934.25	97.76	-390.53	402.58	0.00	0.00	0.00	
2100.00	20.23	284.05	2028.08	106.15	-424.09	437.17	0.00	0.00	0.00	
2200.00	20.23	284.05	2121.90	114.55	-457.64	471.76	0.00	0.00	0.00	
2300.00	20.23	284.05	2215.73	122.95	-491.19	506.34	0.00	0.00	0.00	
2400.00	20.23	284.05	2309.56	131.35	-524.74	540.93	0.00	0.00	0.00	
2500.00	20.23	284.05	2403.39	139.75	-558.29	575.52	0.00	0.00	0.00	
2600.00	20.23	284.05	2497.22	148.15	-591.85	610.11	0.00	0.00	0.00	
2700.00	20.23	284.05	2591.05	156.55	-625.40	644.69	0.00	0.00	0.00	
2800.00	20.23	284.05	2684.87	164.94	-658.95	679.28	0.00	0.00	0.00	
2900.00	20.23	284.05	2778.70	173.34	-692.50	713.87	0.00	0.00	0.00	
3000.00	20.23	284.05	2872.53	181.74	-726.05	748.45	0.00	0.00	0.00	
3100.00	20.23	284.05	2966.36	190.14	-759.60	783.04	0.00	0.00	0.00	
3200.00	20.23	284.05	3060.19	198.54	-793.16	817.63	0.00	0.00	0.00	
3300.00	20.23	284.05	3154.01	206.94	-826.71	852.21	0.00	0.00	0.00	
3400.00	20.23	284.05	3247.84	215.34	-860.26	886.80	0.00	0.00	0.00	
3500.00	20.23	284.05	3341.67	223.73	-893.81	921.39	0.00	0.00	0.00	
3600.00	20.23	284.05	3435.50	232.13	-927.36	955.98	0.00	0.00	0.00	
3700.00	20.23	284.05	3529.33	240.53	-960.92	990.56	0.00	0.00	0.00	
3800.00	20.23	284.05	3623.16	248.93	-994.47	1025.15	0.00	0.00	0.00	
3900.00	20.23	284.05	3716.98	257.33	-1028.02	1059.74	0.00	0.00	0.00	
3911.02	20.23	284.05	3727.32	258.25	-1031.72	1063.55	0.00	0.00	0.00	
4000.00	18.01	284.05	3811.39	265.33	-1059.99	1092.70	2.50	-2.50	0.00	
4100.00	15.51	284.05	3907.13	272.33	-1087.96	1121.53	2.50	-2.50	0.00	
4200.00	13.01	284.05	4004.04	278.31	-1111.86	1146.16	2.50	-2.50	0.00	
4200.98	12.99	284.05	4005.00	278.37	-1112.07	1146.38	2.50	-2.50	0.00	Wasatch Tongue
4300.00	10.51	284.05	4101.94	283.26	-1131.63	1166.54	2.50	-2.50	0.00	
4400.00	8.01	284.05	4200.63	287.17	-1147.24	1182.63	2.50	-2.50	0.00	
4500.00	5.51	284.05	4299.92	290.03	-1158.66	1194.40	2.50	-2.50	0.00	
4570.31	3.75	284.05	4370.00	291.41	-1164.16	1200.08	2.50	-2.50	0.00	Uteland Limestone
4600.00	3.01	284.05	4399.64	291.83	-1165.86	1201.83	2.50	-2.50	0.00	
4700.00	0.51	284.05	4499.58	292.58	-1168.84	1204.90	2.50	-2.50	0.00	
4720.42	0.00	284.05	4520.00	292.60	-1168.93	1204.99	2.50	-2.50	0.00	Wasatch
4800.00	0.00	284.05	4599.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
4900.00	0.00	284.05	4699.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
5000.00	0.00	284.05	4799.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
5100.00	0.00	284.05	4899.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
5200.00	0.00	284.05	4999.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
5300.00	0.00	284.05	5099.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
5400.00	0.00	284.05	5199.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
5500.00	0.00	284.05	5299.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
5600.00	0.00	284.05	5399.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
5615.42	0.00	284.05	5415.00	292.60	-1168.93	1204.99	0.00	0.00	0.00	Chapita Wells
5700.00	0.00	284.05	5499.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
5800.00	0.00	284.05	5599.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
5900.00	0.00	284.05	5699.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
6000.00	0.00	284.05	5799.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
6100.00	0.00	284.05	5899.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
6200.00	0.00	284.05	5999.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
6300.00	0.00	284.05	6099.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
6400.00	0.00	284.05	6199.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	

CONFIDENTIAL



# Ryan Energy Technologies

## Planning Report



Company: Dominion E & P  
Field: Natural Buttes Field  
Site: HCU 7-30F  
Well: HCU 7-30F  
Wellpath: 1

Date: 5/4/2005 Time: 11:03:59  
Co-ordinate(NE) Reference: HCU 7-30F, True North  
Vertical (TVD) Reference: KB@5245' 0.0  
Section (VS) Reference: Site (0.00N,0.00E,284.05Azi)  
Plan: Plan #1

Page: 5

### Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6500.00	0.00	284.05	6299.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
6600.00	0.00	284.05	6399.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
6700.00	0.00	284.05	6499.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
6780.42	0.00	284.05	6580.00	292.60	-1168.93	1204.99	0.00	0.00	0.00	Uteland Buttes
6800.00	0.00	284.05	6599.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
6900.00	0.00	284.05	6699.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
7000.00	0.00	284.05	6799.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
7100.00	0.00	284.05	6899.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
7200.00	0.00	284.05	6999.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
7300.00	0.00	284.05	7099.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
7400.00	0.00	284.05	7199.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
7500.00	0.00	284.05	7299.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
7595.42	0.00	284.05	7395.00	292.60	-1168.93	1204.99	0.00	0.00	0.00	Mesaverde
7600.00	0.00	284.05	7399.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
7700.00	0.00	284.05	7499.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
7800.00	0.00	284.05	7599.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
7900.00	0.00	284.05	7699.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
8000.00	0.00	284.05	7799.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
8100.00	0.00	284.05	7899.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
8200.00	0.00	284.05	7999.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
8300.00	0.00	284.05	8099.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
8400.00	0.00	284.05	8199.58	292.60	-1168.93	1204.99	0.00	0.00	0.00	
8450.42	0.00	284.05	8250.00	292.60	-1168.93	1204.99	0.00	0.00	0.00	BHL

### Targets

Name	Description	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude --->			<--- Longitude --->				
								Deg	Min	Sec	Deg	Min	Sec		
KOP			550.00	0.00	0.00	7144562.282	144914.65	39	55	10.920	N	109	42	3.920	W
-Plan hit target															
BHL			8250.00	292.60	-1168.93	7144831.312	143740.08	39	55	13.812	N	109	42	18.924	W
-Plan hit target															

### Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
4200.98	4005.00	Wasatch Tongue		0.00	0.00
4570.31	4370.00	Uteland Limestone		0.00	0.00
4720.42	4520.00	Wasatch		0.00	0.00
5615.42	5415.00	Chapita Wells		0.00	0.00
6780.42	6580.00	Uteland Buttes		0.00	0.00
7595.42	7395.00	Mesaverde		0.00	0.00

**CONFIDENTIAL**

## SURFACE USE PLAN

### CONDITIONS OF APPROVAL

#### *Attachment for Permit to Drill*

**Name of Operator:** Dominion Exploration & Production  
**Address:** 14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134  
**Well Location:** HCU 7-30F  
SHL: 2082' FNL & 836' FEL Section 30-10S-20E  
BHL: 1800' FNL & 2000' FEL Section 30-10S-20E  
Uintah County, UT

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

The federal onsite inspection for the referenced well was conducted on Friday, October 14, 2005 at approximately 1:30 pm. In attendance at the onsite inspection were the following individuals:

Ken Secrest	Foreman	Dominion E & P, Inc.
Dustin Nephi	Technician	Ute Indian Tribe – Energy & Minerals
Nicole Mortensen	Technician	Bureau of Indian Affairs – U & O Agency
Karl Wright	Nat. Res. Prot. Spec.	Bureau of Land Management – Vernal
Brandon Bowthorpe	Surveyor	Uintah Engineering and Land Surveying
Randy Jackson	Foreman	Jackson Construction
Don Hamilton	Agent for Dominion	Buys & Associates, Inc.

1. Existing Roads:

- a. The proposed well site is located approximately 11.71 miles south of Ouray, UT.
- b. Directions to the proposed well site have been attached at the end of Exhibit B.
- c. The use of roads under State and County Road Department maintenance are necessary to access the Hill Creek Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- d. All existing roads will be maintained and kept in good repair during all phases of operation.
- e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- f. Since no improvements are anticipated to the State, County, Tribal or BLM access roads no topsoil striping will occur.
- g. An off-lease federal Right-of-Way is not anticipated for the access road or utility corridor since both are located within the existing Hill Creek Unit boundary.

2. Planned Access Roads:

- a. Access to the wellsite utilizes existing access presently in place for the existing HCU 8-30F.

3. Location of Existing Wells:

- a. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

4. Location of Production Facilities:

- a. All permanent structures will be painted a flat, non-reflective Desert Brown to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. A 4" existing gas pipeline presently exists to the existing HCU 8-30F wellsite.

5. Location and Type of Water Supply:

- a. The location and type of water supply has been addressed as number 11 within the previous drilling plan information.

6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from Ute Tribal or BLM lands.

- c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the northeast side of the pad.
- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.
- e. The reserve pit will be lined with 12 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.
- i. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved Dominion disposal well for disposal.
- k. **Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.**
- l. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to

transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

- a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.

9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the northwest.
- c. The pad and road designs are consistent with Tribal and BLM specification
- d. A pre-construction meeting with responsible company representative, contractors, Ute Indian Tribe and the BLM will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size of 355' X 200'; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters from entering the well site area.
- i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- k. Pits will remain fenced until site cleanup.
- l. The blooie line will be located at least 100 feet from the well head.
- m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface:

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list



of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On Ute Indian Tribe and BLM administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.

- c. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours.
- d. The cut and fill slopes and all other disturbed areas not needed for the production operation will be top soiled and re-vegetated. The stockpiled topsoil will be evenly distributed over the disturbed area.
- e. Prior to reseeding the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the Ute Indian Tribe. The Ute Indian Tribe recommended seed mix will be detailed within their approval documents.

11. Surface and Mineral Ownership:

- a. Surface Ownership – Ute Indian Tribe under the management of the BIA – Uintah & Ouray Agency; P.O. Box 130, Fort Duchesne, Utah 84026-0130; 435-722-4300
- b. Mineral Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

12. Other Information:

- a. AIA Archaeological has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by AIA Archaeological.
- b. Alden Hamblin has conducted a paleontological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Alden Hamblin.
- c. Our understanding of the results of the onsite inspection are:
  - a. No Threatened and Endangered flora and fauna species were found during the onsite inspection.

13. Operator's Representative and Certification

<u>Title</u>	<u>Name</u>	<u>Office Phone</u>
Company Representative (Roosevelt)	Ken Secrest	1-435-722-4521
Company Representative (Oklahoma)	Carla Christian	1-405-749-5263
Agent for Dominion	Don Hamilton	1-435-637-4075

**Certification:**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Dominion Exploration & Production, Inc. and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Dominion's BLM bond. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Signature: Don Hamilton Date: 10-17-05

# DOMINION EXPLR. & PROD., INC.

HCU #7-30F

SECTION 30, T10S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.15 MILES TO THE EXISTING HCU #8-30F AND THE PROPOSED LOCATION.

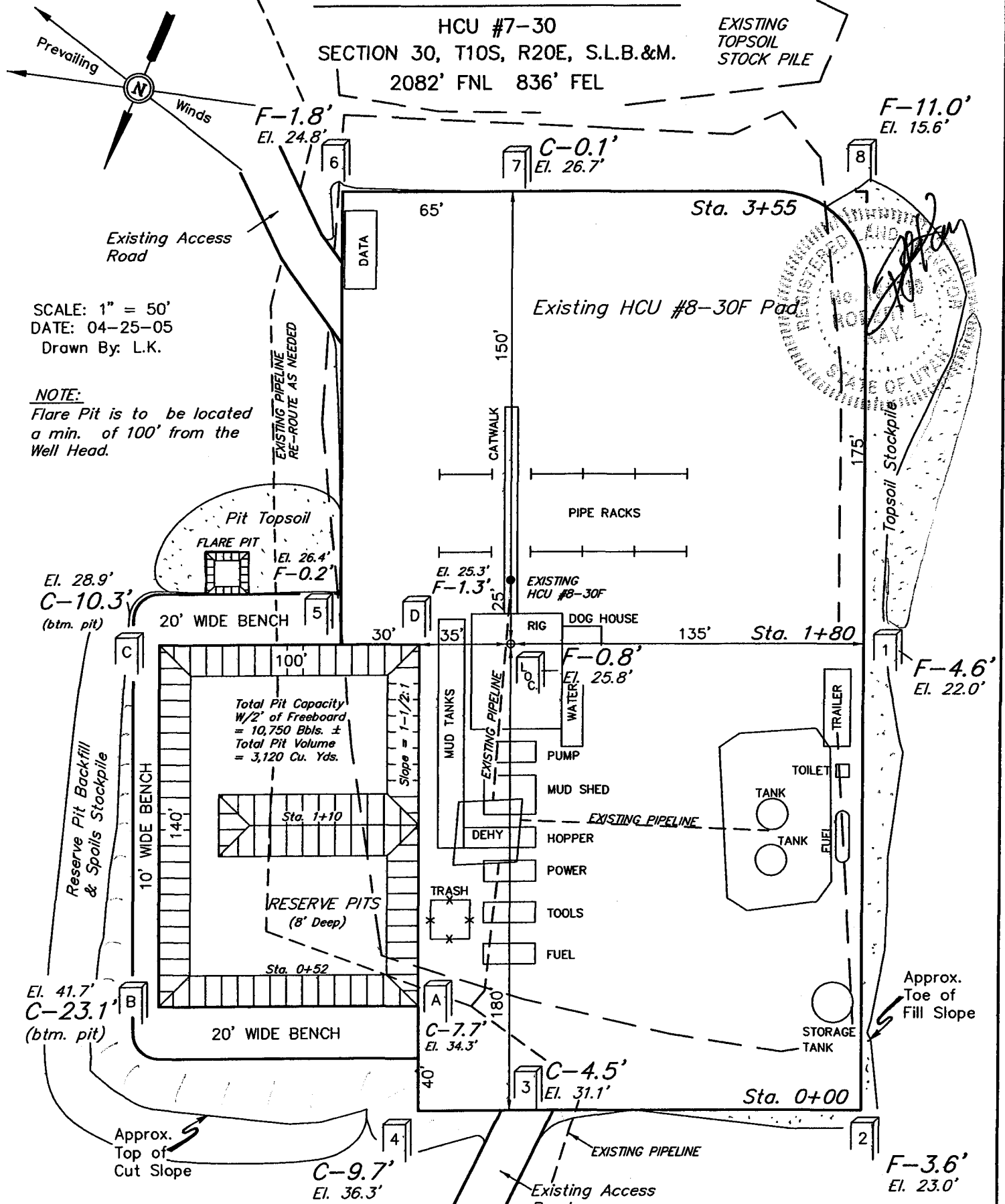
TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 47.25 MILES.

# DOMINION EXPLR. & PROD., INC.

## LOCATION LAYOUT FOR

HCU #7-30  
SECTION 30, T10S, R20E, S.L.B.&M.  
2082' FNL 836' FEL

EXISTING  
TOPSOIL  
STOCK PILE



SCALE: 1" = 50'  
DATE: 04-25-05  
Drawn By: L.K.

**NOTE:**  
Flare Pit is to be located  
a min. of 100' from the  
Well Head.

Elev. Ungraded Ground at Location Stake = 5225.8'  
Elev. Graded Ground at Location Stake = 5226.6'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

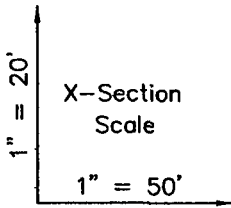
# DOMINION EXPLR. & PROD., INC.

## TYPICAL CROSS SECTIONS FOR

HCU #7-30

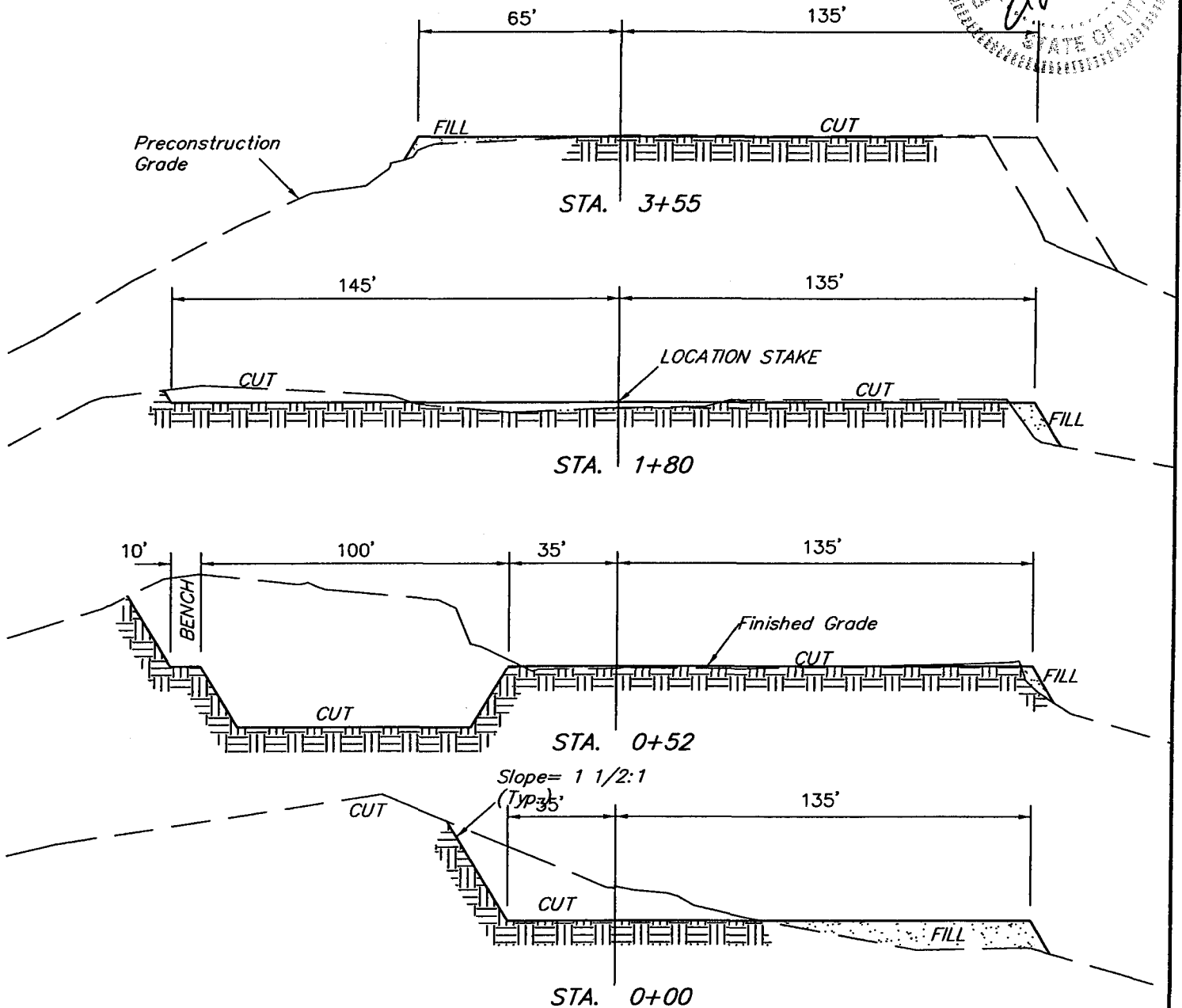
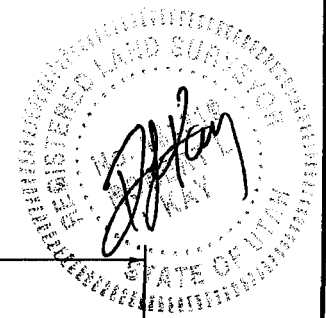
SECTION 30, T10S, R20E, S.L.B.&M.

2082' FNL 836' FEL



DATE: 04-25-05

Drawn By: L.K.



### APPROXIMATE YARDAGES

#### CUT

(6") Topsoil Stripping = 510 Cu. Yds.

(New Construction Only)

Remaining Location = 8,170 Cu. Yds.

TOTAL CUT = 8,680 CU.YDS.

FILL = 2,290 CU.YDS.

#### \* NOTE:

FILL QUANTITY INCLUDES  
5% FOR COMPACTION

EXCESS MATERIAL = 6,390 Cu. Yds.

Topsoil & Pit Backfill = 2,070 Cu. Yds.

(1/2 Pit Vol.)

EXCESS UNBALANCE = 4,320 Cu. Yds.

(After Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

# DOMINION EXPLR. & PROD.

HCU #7-30F

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 30, T10S, R20E, S.L.B.&M.

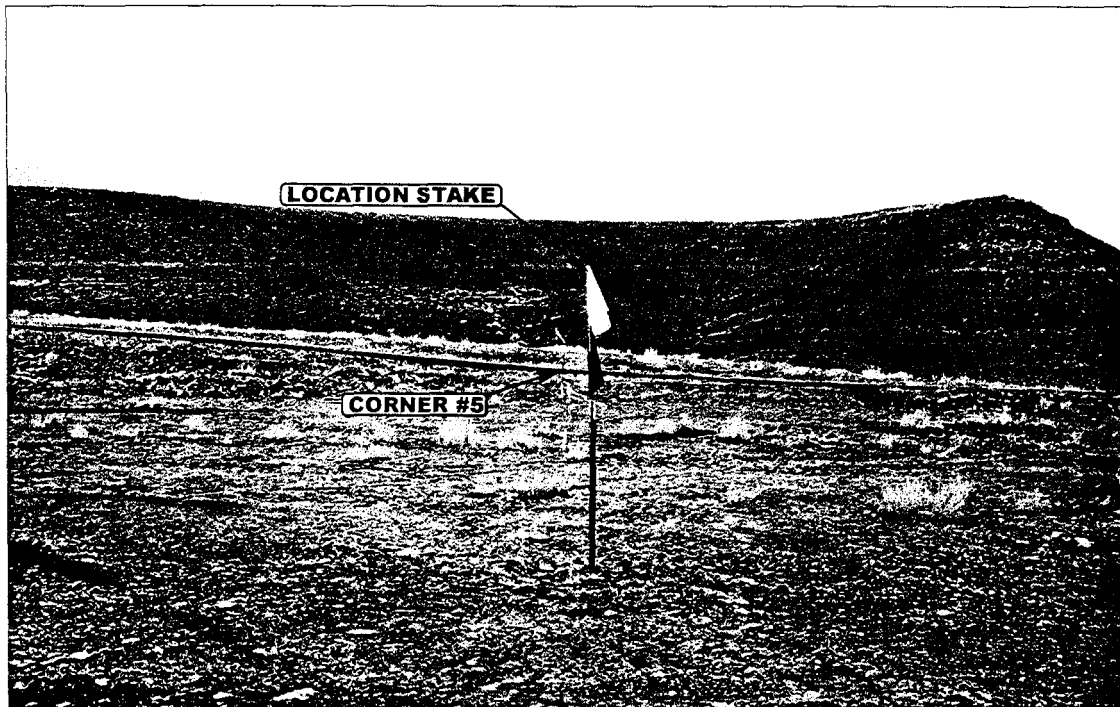


PHOTO: VIEW FROM LOCATION STAKE TO CORNER #5

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: SOUTHWESTERLY



- Since 1964 -

**UELS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

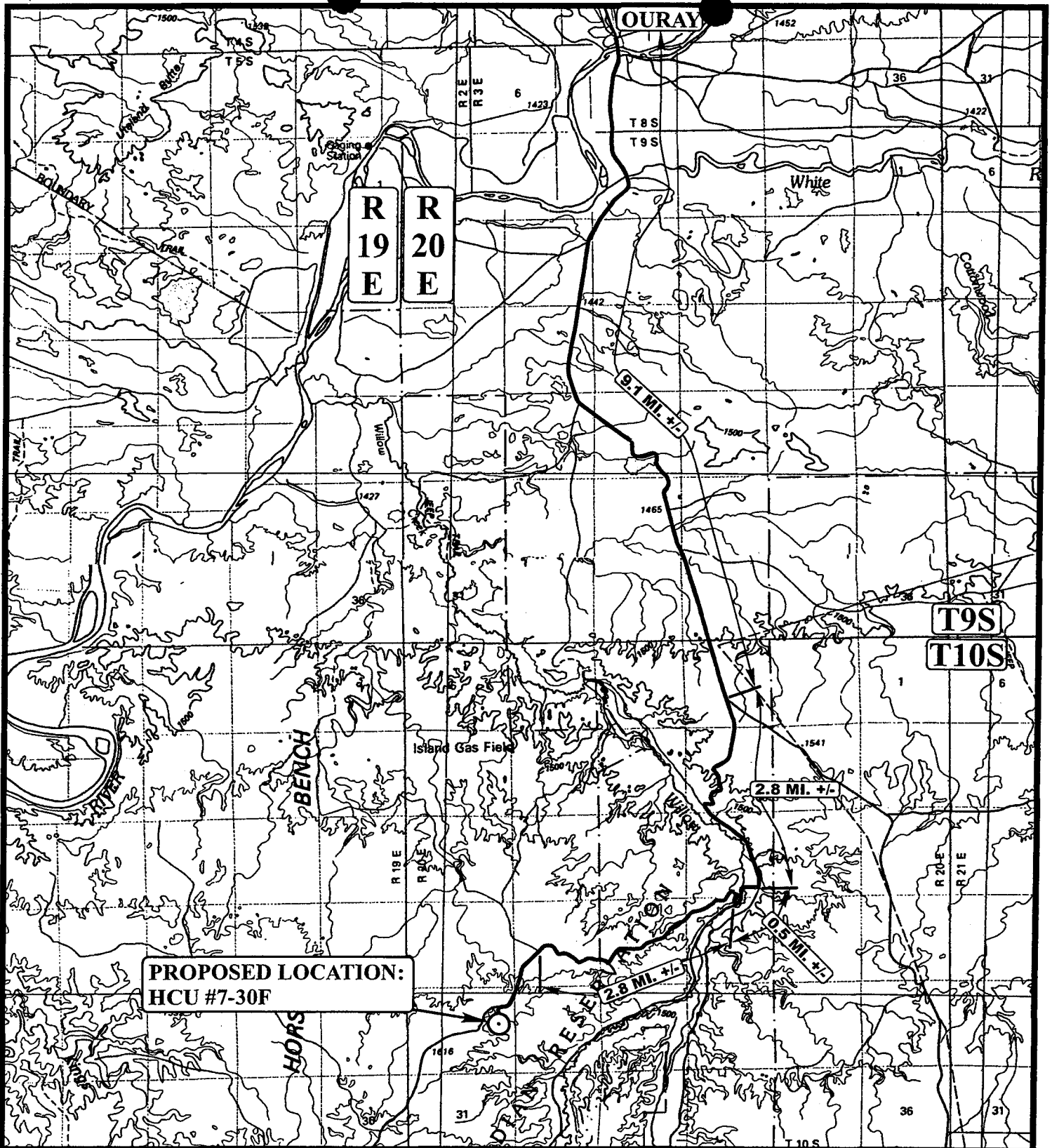
12 04 00  
MONTH DAY YEAR

PHOTO

TAKEN BY: M.A.

DRAWN BY: K.G.

REVISED: 03-30-05C.P.



# **LEGEND:**

○ PROPOSED LOCATION

**N**

**DOMINION EXPLR. & PROD., INC.**

**HCU #7-30F**

**SECTION 30, T10S, R20E, S.L.B.&M.**

**2082' FNL 836' FEL**



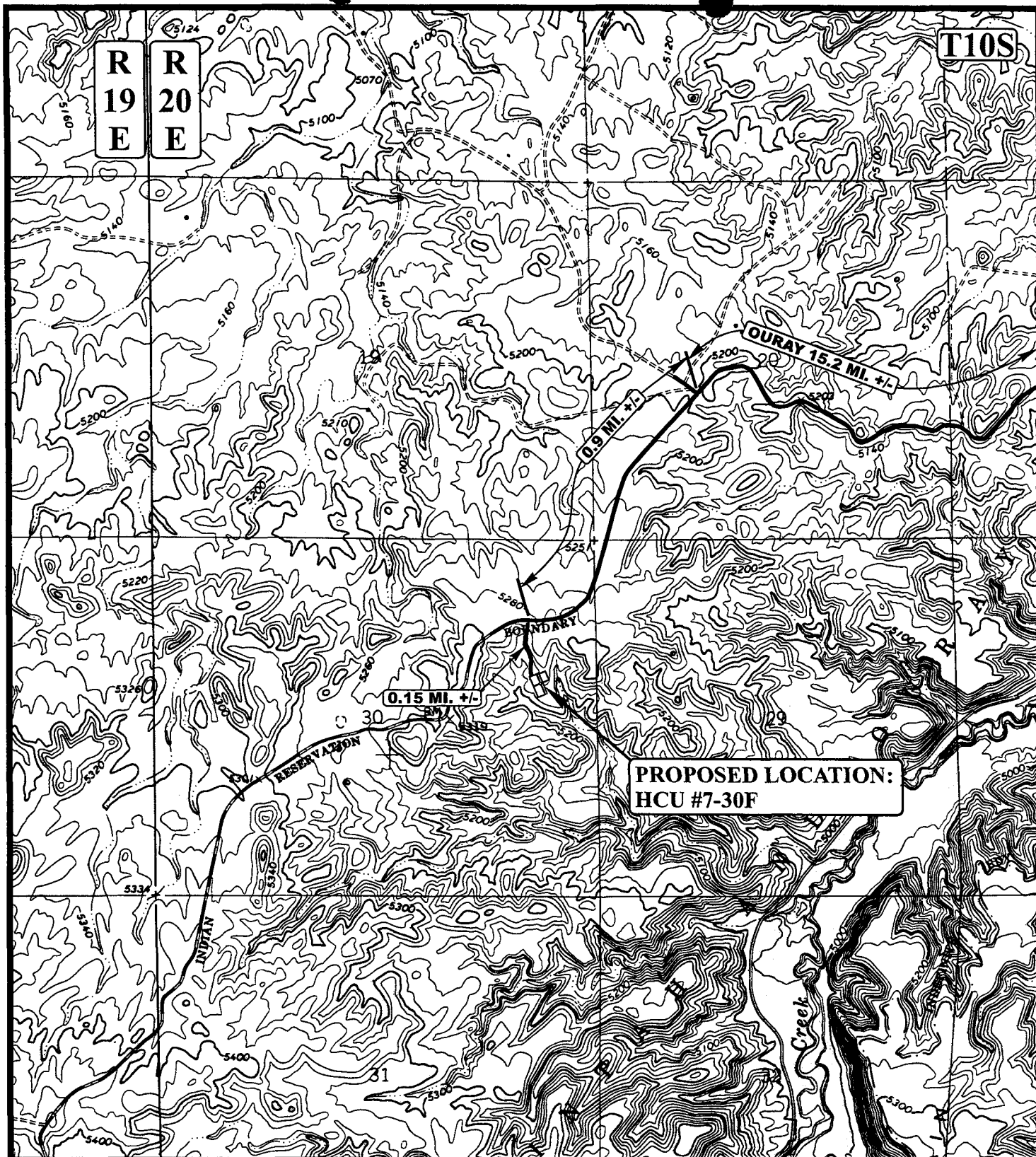
**Utah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC  
MAP**

**12 04 00**  
MONTH DAY YEAR

**SCALE: 1:100,000 DRAWN BY: K.G. REVISED: 03-30-05C.P.**





# LEGEND:

————— EXISTING ROAD



**DOMINION EXPLR. & PROD., INC.**

**HCU #7-30F**

**SECTION 30, T10S, R20E, S.L.B.&M.  
2082' FNL 836' FEL**



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

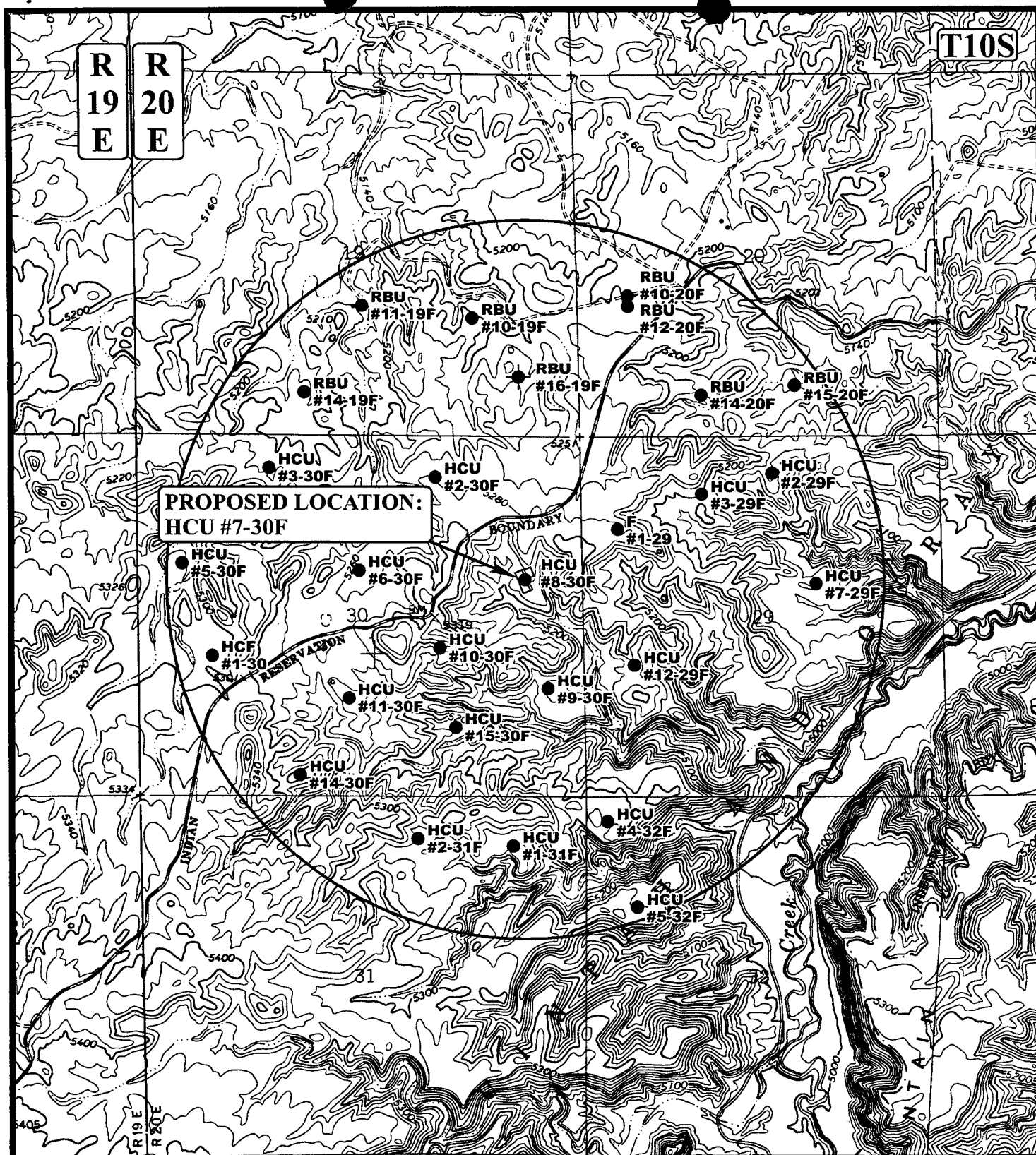
**TOPOGRAPHIC  
MAP**

**12 04 00**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: K.G. REVISED: 03-30-05C.P.

**B  
TOPO**





# LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

# DOMINION EXPLR. & PROD., INC.

HCU #7-30F  
SECTION 30, T10S, R20E, S.L.B.&M.  
2082' FNL 836' FEL



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



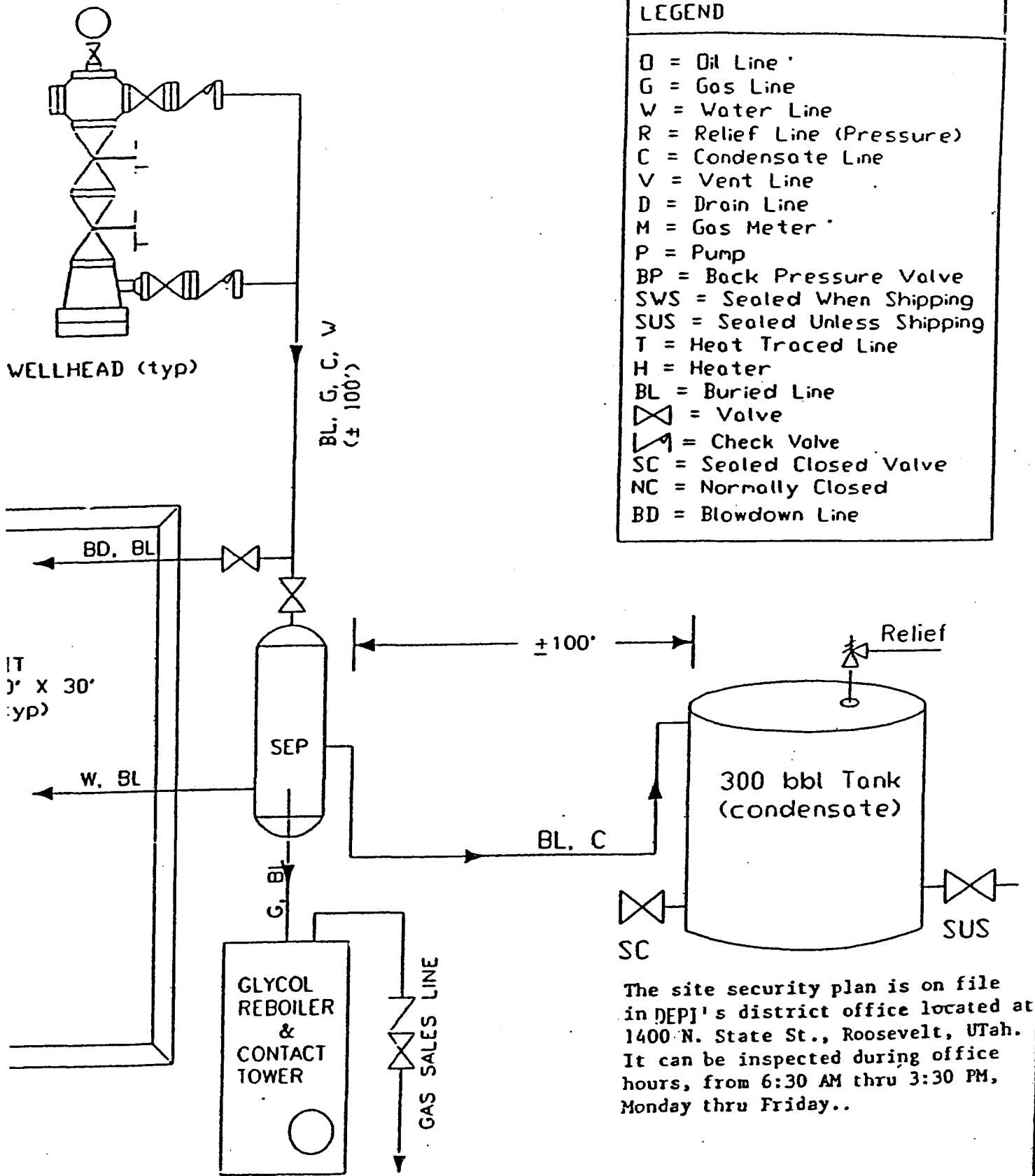
TOPOGRAPHIC  
MAP

12 04 00  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: K.G. REVISED: 03-30-05C.P.



CONFIDENTIAL



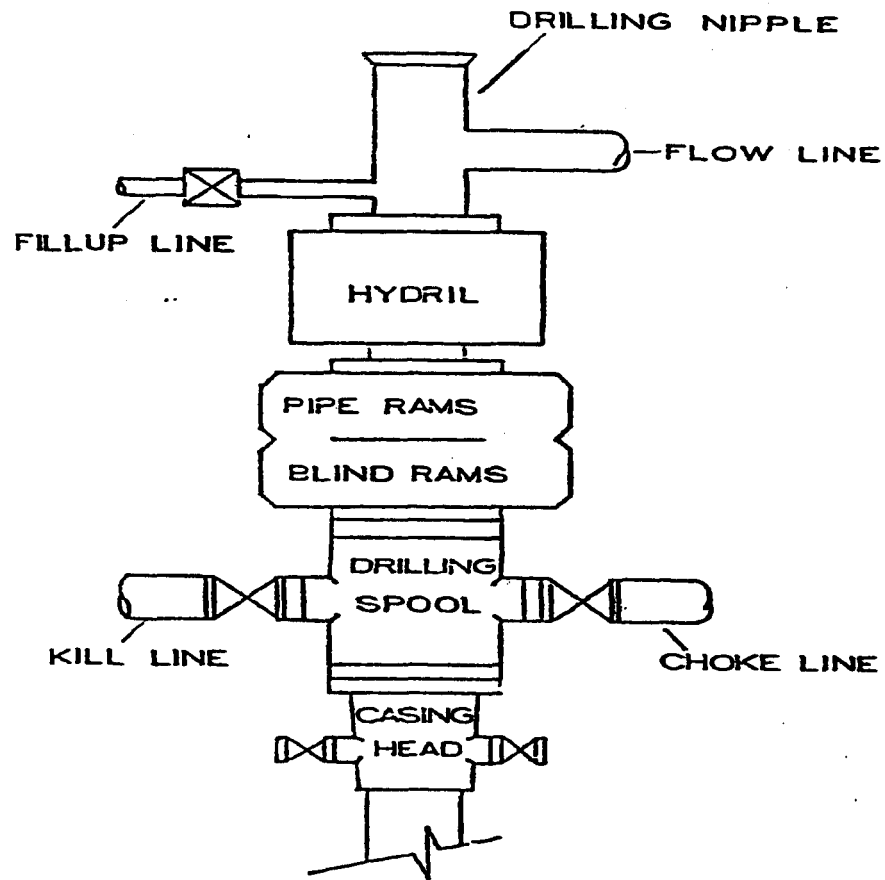
DOMINION EXPLORATION & PRODUCTION, INC.

TYPICAL FLOW DIAGRAM

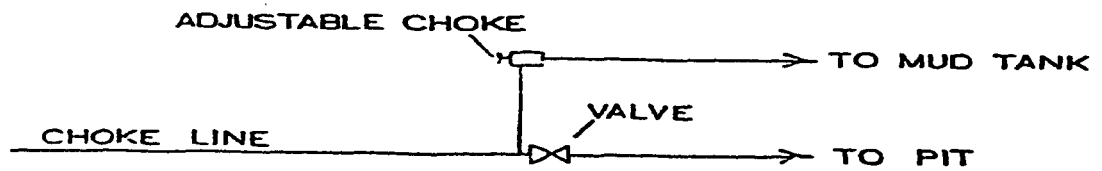
not to scale

date: / /

## BOP STACK 3000 #



## CHOKE MANIFOLD 3000 #



**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 10/20/2005

API NO. ASSIGNED: 43-047-37284

WELL NAME: HCU 7-30F

OPERATOR: DOMINION EXPL & PROD ( N1095 )

CONTACT: DON HAMILTON

PHONE NUMBER: 435-650-1886

PROPOSED LOCATION:

SENE 30 100S 200E

SURFACE: 2082 FNL 0836 FEL

SWNB BOTTOM: 1800 FNL 2000 FEL

UINTAH

NATURAL BUTTES ( 630 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-29784

SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 39.91972

LONGITUDE: -109.7004

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. 76S630500330 )

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit  
(No. 43-10447 )

☒ RDCC Review (Y/N)  
(Date: )

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

\_\_\_ R649-2-3.

Unit HILL CREEK

\_\_\_ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

\_\_\_ R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 197-11

Eff Date: 8-17-2008

Siting: Suspend General Siting

\_\_\_ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS:

1- Federal Approval



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

October 25, 2005

### Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2005 Plan of Development Hill Creek Unit Uintah County,  
Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well is planned for calendar year 2005 within the Hill Creek Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ MesaVerde)		
43-047-37284	HCU 7-30F	Sec 30 T10S R20E 2082 FNL 0836 FEL
	BHL	Sec 30 T10S R20E 1800 FNL 2000 FEL

This office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

bcc: File – Hill Creek Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:10-25-05



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

MARY ANN WRIGHT  
*Acting Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

October 25, 2005

Dominion Exploration & Production, Inc.  
14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134

Re: Hill Creek Unit 7-30F Well, Surface Location 2082' FNL, 836' FEL, SE NE,  
Sec. 30, T. 10 South, R. 20 East, Bottom Location 1800' FNL, 2000' FEL,  
SW NE, Sec. 30, T. 10 South, R. 20 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37284.

Sincerely,

Gil Hunt  
Associate Director

pab

Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

Operator: Dominion Exploration & Production, Inc.  
Well Name & Number Hill Creek Unit 7-30F  
API Number: 43-047-37284  
Lease: U-29784

Surface Location: SE NE Sec. 30 T. 10 South R. 20 East  
Bottom Location: SW NE Sec. 30 T. 10 South R. 20 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Utah Admin. R. 649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

FORM APPROVED  
OMB No. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an**  
**abandoned well. Use Form 3160-3 (APD) for such proposals.**

*SUBMIT IN TRIPLICATE - Other instructions on reverse side*

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

2. Name of Operator

Dominion Exploration & Production, Inc.

3a. Address

Suite 600

14000 Quail Springs Parkway, OKC, OK 73134

3b. Phone No. (include area code)

(405) 749-5263

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2082' FNL & 836' FEL, SE NE Sec. 30-10S-20E

5. Base Serial No.

~~U-20003~~

U-29784

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

Hill Creek Unit

8. Well Name and No.

HCU 7-30F

9. API Well No.

43-047-37284

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	APD Extension
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

The state APD expires October 25, 2006. Dominion is hereby requesting a one year extension.

DATE: 10-25-06  
INITIALS: pm

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 10-24-06

By: [Signature]

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Carla Christian

Title Sr. Regulatory Specialist

Signature

[Signature: Carla Christian]

Date 10/19/2006

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

OCT 23 2006

DIV. OF OIL, GAS & MINING

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-047-37284  
**Well Name:** HCU 7-30F  
**Location:** Section 30-10S-20E, 2082' FNL & 836' FEL  
**Company Permit Issued to:** Dominion Exploration & Production, Inc.  
**Date Original Permit Issued:** 10/25/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☐

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Carla Christian  
Signature

10/19/2006

Date

Title: Sr. Regulatory Specialist

Representing: Dominion Exploration & Production, Inc.

RECEIVED

OCT 23 2006

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
OCT 20 2005

FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. U-29784
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name Ute Indian Tribe
2. Name of Operator Dominion Exploration & Production, Inc.		7. If Unit or CA Agreement, Name and No. Hill Creek Unit
3a. Address 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134		8. Lease Name and Well No. HCU 7-30F
3b. Phone No. (include area code) 405-749-5263		9. API Well No. 43-047-37284
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface 2,082' FNL & 836' FEL, SE/4 NE/4, At proposed prod. zone 1,800' FNL & 2,000' FEL, SW/4 NE/4,		10. Field and Pool, or Exploratory Natural Buttes
11. Sec., T. R. M. or Blk. and Survey or Area Section 30, T10S, R20E, SLB&M		12. County or Parish Uintah
14. Distance in miles and direction from nearest town or post office* 11.71 miles south of Ouray, Utah		13. State UT
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 836'	16. No. of acres in lease 640 acres	17. Spacing Unit dedicated to this well 40 acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 25'	19. Proposed Depth 8,250' TVD (8,450' MD)	20. BLM/BIA Bond No. on file <del>768-63050-0330</del> WY3322
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5,226' GR	22. Approximate date work will start* 12/01/2005	23. Estimated duration 14 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, must be attached to this form:

- |  |   |
|--|---|
| 1. Well plat certified by a registered surveyor.   | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan.  | 5. Operator certification   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM.             |

25. Signature <i>Don Hamilton</i>	Name (Printed/Typed) Don Hamilton	Date 10/17/2005
Title Agent for Dominion		
Approved by (Signature) <i>Jerry Kenicka</i>	Name (Printed/Typed) JERRY KENICKA	Date 4-19-2007
Title Assistant Field Manager Lands & Mineral Resources		
Office VERNAL FIELD OFFICE		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)

NOTICE OF APPROVAL  
RECEIVED

APR 27 2007

DIV. OF OIL, GAS & MINING

ORIGINAL

CONFIDENTIAL

UDOGM



**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE**

**170 South 500 East**

**VERNAL, UT 84078**

**(435) 781-4400**



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

**Company:** Dominion Exploration & Production Inc **Location:** SENE, Sec. 30, T10S, R20E  
**Well No:** HCU 7-30F **Lease No:** UTU-29784  
**API No:** 43-047-37284 **Agreement:** Hill Creek WS MV

<b>Title</b>	<b>Name</b>	<b>Office Phone Number</b>	<b>Cell Phone Number</b>
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:	Melissa Hawk	(435) 781-4476	(435) 828-7381
NRS/Enviro Scientist:	Chuck MacDonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	

Fax: (435) 781-4410

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

**General Surface COA**

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A report will be prepared by a BLM permitted paleontologist and submitted to the AO at the completion of surface disturbing activities.

**Well Site Specific Stipulations**

- Paint the facilities Carlsbad.

**Mitigation Stipulations**

**Vegetation/Landscape**

- Before the site is abandoned the company will be required to restore the right-of-way to near its original state. The disturbed area will be reseeded with desirable perennial vegetation.
- Noxious weeds will be controlled on all rights-of-way. If noxious weeds spread from the rights of-way onto adjoining land, the company will also be responsible for their control.

**Soils/Range/Watershed**

- Soil erosion will be mitigated by reseeding all disturbed areas.
- The pipelines are constructed to lie on the soil surface, and the right-of-way will not be bladed or cleared of vegetation.

Where pipelines are constructed parallel to roads they may be welded on the road and then lifted from the road onto the right-of-way.

Where pipelines do not parallel roads but cross country between stations, they shall be welded in place at well sites or on access roads and then pulled between stations with a suitable piece of equipment. Traffic will be restricted along these areas so that the pipeline right-of-way will not be used as an access road.

**Wildlife/Vegetation/Threatened & Endangered Species**

- No threatened & Endangered species have been identified associated with this project  
Therefore, no stipulations have been developed for their protection.

**Ute Tribal Regulations**

- Prior to commencing surveys or construction on the U&O Indian Reservation the operator, and any of its subcontractors, shall acquire access permits and business permits for the Ute Indian Tribe Department of Energy and Minerals.

- Prior to the commencement of construction, the operator shall notify the Ute Tribal Department of Energy and Minerals of the date construction shall begin.

#### General Conditions of Approval

- A 30 foot corridor right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.
- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understands that they may be responsible for costs incurred by the Ute Tribe after hours.
- The Company shall inform contractors to maintain construction of pipelines within the approved ROW's.
- The Company shall assure the Ute Tribe that "ALL CONTRACTORS, INCLUDING SUB CONTRACTORS, LEASING CONTRACTORS, AND ETC." have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.
- You are hereby notified that working under the "umbrella" of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.
- Any deviation of submitted APD's and ROW applications the Companies will notify the Ute Tribe and BIA in writing and will receive written authorization of any such change with appropriate authorization.
- The Company will implement "Safety and Emergency Plan." The Company's safety director will ensure its compliance.
- All Company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and/or ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations shall be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel shall refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- The personnel from the Ute Tribe Energy & Minerals Department shall be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.

- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

## **DOWNHOLE CONDITIONS OF APPROVAL**

### **SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

- None.

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.



- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

CONFIDENTIAL

## DIVISION OF OIL, GAS AND MINING

### SPUDDING INFORMATION

Name of Company: DOMINION EXPL & PROD INC

Well Name: HCU 7-30F

Api No: 43-047-37284 Lease Type: FEDERAL

Section 30 Township 10S Range 20E County UINTAH

Drilling Contractor BILL JR'S RIG # 6

### SPUDDED:

Date 08/06/07

Time 12:00 NOON

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by PAT WISENER

Telephone # (435) 828-1455

Date 08/08/07 Signed CHD

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

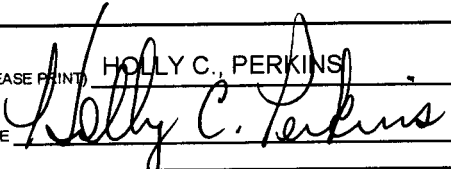
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: U-29784
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 2700 Farmington Ave. CITY Farmington STATE NM ZIP 87401		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2082' FNL & 836' FEL		8. WELL NAME and NUMBER: HCU 7-30F
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 30 10S 20E		9. API NUMBER: 4304737284
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 8/6/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: SPUD
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. spudded the Hill Creek Unit 7-30F on 8/6/2007. XTO drilled 17 1/2" hole to 518' and set 12 joints of 13 3/8", 48#, H40 surface casing @ 518' with 500 sx Class G cementht.

NAME (PLEASE PRINT) HOLLY C. PERKINS	TITLE REGULATORY COMPLIANCE TECH
SIGNATURE 	DATE 8/14/2007

(This space for State use only)

**RECEIVED**  
**AUG 17 2007**

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: XTO ENERGY INC. Operator Account Number: N 2615  
Address: 2700 FARMINGTON AVE K #1  
city FARMINGTON  
state NM zip 87401 Phone Number: (505) 324-1090

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304737284	HCU 7-30F		SENE	30	10S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
B	99999	12829	8/6/2007		10/17/07		
Comments: <u>MVRD = WSMVD BHL = SWNE</u>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

**Well 3**

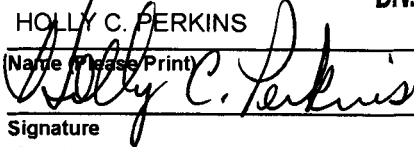
API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

**RECEIVED**  
**AUG 17 2007**

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

DIV. OF OIL, GAS & MINING

HOLLY C. PERKINS  
(Name Please Print)  
  
Signature  
Regulatory Compliance Tech 8/14/2007  
Title Date

Form 3160-5  
(August, 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0135  
Expires: November 30, 2000**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. U - 29784
2. Name of Operator XTO Energy Inc		6. If Indian, Allottee or Tribe Name Ute Indian Tribe
3a. Address P.O. Box 1360, Roosevelt, UT 84066		7. If Unit or CA/Agreement, Name and/or No. Hill Creek Unit
3b. Phone No. (include area code) (435) 722-4521		8. Well Name and No. HCU 7-30F
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) At surface: 2,082' FNL, & 836' FEL, SE/4 NE/4, Section 30, T10S, R20E, SLB&M At proposed prod.zone: 1,800' FNL, & 2,000' FEL, SE/4 NE/4		9. API Well No. 43-047-37284
		10. Field and Pool, or Exploratory Area Natural Buttes
		11. County or Parish, State Uintah County, Utah

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change Drilling Plans
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

XTO Energy Inc, respectfully requests permission to change the drilling plan as per attached procedure.

RECEIVED  
SEP 06 2007

DIV. OF OIL, GAS &amp; MINING

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Ken Secret		Title Regulatory Coordinator
Signature <i>Ken Secret</i>		Date September 6, 2007
APPROVED BY FEDERAL OR STATE OFFICIAL		
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Accepted by the  
Utah Division of  
Oil, Gas and MiningDate: 9/7/07  
By: *[Signature]*Federal Approval Of This  
Action Is Necessary

**XTO ENERGY INC.****HCU 7-30F****APD Data****August 31, 2007****Location:** 2082' FNL & 836' FEL, Sec 30, T10S, R20E **County:** Uintah**State:** Utah**Bottomhole Location:** 1800' FNL & 2000' FEL, Sec 30, T10S, R20E**GREATEST PROJECTED TD:** 8482' MD/ 8250' TVD  
**APPROX GR ELEV:** 5226'**OBJECTIVE:** Mesaverde  
**Est KB ELEV:** 5240' (14' AGL)**1. MUD PROGRAM:**

INTERVAL	0' to 500'	500' to 4400'	4400' to 8482'
HOLE SIZE	17.5"	12.25"	8.75"
MUD TYPE	FW/Spud Mud <sup>1</sup>	FW/Polymer	KCl Based LSND / Gel Chemical
WEIGHT	8.4	8.4-8.8	8.6-9.20
VISCOSITY	NC	28-40	30-60
WATER LOSS	NC	NC	8-15

**Remarks:** Use fibrous materials as needed to control seepage and lost circulation. Pump high viscosity sweeps as needed for hole cleaning. Raise viscosity at TD for logging. Reduce viscosity after logging for cementing purposes.

**2. CASING PROGRAM:****Surface Casing:** 13.375" casing to be set at  $\pm 500'$  in a 17 1/2" hole filled with 8.4 ppg mud

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-500'	500'	48.0#	H-40	ST&C	770	1730	322	12.715	12.559	3.53	7.93	16.1

**Intermediate Casing:** 9.625" casing to be set at  $\pm 4400'$  in a 12-1/4" hole filled with 8.8 ppg mud

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-4400'	4400'	36.0#	J-55	ST&C	2020	3520	394	8.921	8.765	1.35	2.36	2.48

Collapse and burst loads calculated at TVD with 0.1 psi/ft gas gradient back up.

**Production Casing:** 5.5" casing to be set at TD ( $\pm 8482'$ ) in 8 3/4" hole filled with 9.20 ppg mud.

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-8482'	8482'	17.0#	N/I/S-80	LT&C	6280	7740	348	4.892	4.767	2.01	2.48	2.41

Collapse and burst loads calculated at TVD with 0.1 psi/ft gas gradient back up.

**3. WELLHEAD:**

No Change.



**4. CEMENT PROGRAM (Slurry design may change slightly, but the plan is to circulate cement to surface on both casing strings):**

A. Surface: 13-3/8", 40.0#, H-40, ST&C casing to be set at  $\pm 500'$  in 17 1/2" hole.

450 sx of Type V cement (or equivalent) typically containing accelerator and LCM.

*Slurry includes 40% excess of calculated annular volume to 850'.*

B. Intermediate: 9-5/8", 36.0#, J-55 (or K-55), ST&C casing to be set at  $\pm 4400'$  in 12 1/4" hole.

LEAD:

$\pm 380$  sx of Premium Plus V Blend. (Type V/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 11.0 ppg, 3.82 ft<sup>3</sup>/sk, 22.95 gal wtr/sx.

TAIL:

390 sx Class G or equivalent cement with bonding additive, LCM, dispersant, & fluid loss mixed at 15.6 ppg, 1.2 cuft/sx

*Total estimated slurry volume for the 9-5/8" intermediate casing is 1917 ft<sup>3</sup>.*

B. Production: 5.5", 17.0#, N-80 (or K-55), LT&C casing to be set at  $\pm 8482'$  in 8 3/4" hole.

LEAD:

$\pm 283$  sx of Premium Plus V Blend. (Type V/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 11.6 ppg, 3.12 ft<sup>3</sup>/sk, 17.71 gal wtr/sx.

TAIL:

400 sx Class or equivalent cement with poz, bonding additive, LCM, dispersant, & fluid loss mixed at 13.0 ppg, 1.75 cuft/sx, 9.09 gal/sx.

*Total estimated slurry volume for the 5-1/2" production casing is 1584 ft<sup>3</sup>.*

*Note: The slurry design may change slightly based upon actual conditions. Final cement volumes will be determined from the caliper logs plus 15% or greater excess. It will be attempted to circulate cement to the surface on intermediate casing and 500' overlap on production casing.*

**5. LOGGING PROGRAM:**

No Changes.

**6. FORMATION TOPS:**

Please see attached directional plan.

**7. COMPANY PERSONNEL:**

Name	Title	Office Phone	Home Phone
John Egelston	Drilling Engineer	505-564-6734	505-330-6902
Jerry Lacy	Drilling Superintendent	505-566-7917	505-320-6543
Glen Christiansen	Project Geologist	817-885-2800	

**XTO Energy**  
**Natural Buttes Wells(NAD83)**  
**HCU 7-30F**  
**HCU 7-30F**  
**Sundry'd Wellbore**

**Plan: S-Well to top of Wasatch**

## **Standard Planning Report**

**30 August, 2007**

# XTO Energy, Inc. Planning Report

Database:	EDM 2003.14 Single User Db	Well:	HCU 7-30F
Company:	XTO Energy	Well KB @ 5240.0ft (Frontier Rig #2)	
Project:	Natural Buttes Wells(NAD83)	Rig KB @ 5240.0ft (Frontier Rig #2)	
Site:	HCU 7-30F	True	
Well:	HCU 7-30F	Minimum Curvature	
Wellbore:	Sundry'd Wellbore		
Design:	S-Well to top of Wasatch		

Project:	Natural Buttes Wells(NAD83), Vernal, UT		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		Using Well Reference Point
Map Zone:	Utah Northern Zone		

Site:	HCU 7-30F, T10S, R20E		
Site Position:	Lat/Long	Northing:	3,135,350.40 ft
From:		Easting:	2,145,071.80 ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	39° 55' 10.920 N
		Longitude:	109° 42' 3.920 W
		Grid Convergence:	1.19 °

Well:	HCU 7-30F, S well to Wasatch					
Well Position	+N-S	0.0 ft	Northing:	3,135,350.40 ft	Latitude:	39° 55' 10.920 N
	+E-W	0.0 ft	Easting:	2,145,071.80 ft	Longitude:	109° 42' 3.920 W
Position Uncertainty	0.0 ft	Wellhead Elevation:	5,226.0 ft	Ground Level:	5,226.0 ft	

Wellbore:	Sundry'd Wellbore				
Magnetics	Model Name	Sample Date	Declination	Decl. Error	Field Strength
	IGRF200510	8/30/2007	11.62	65.86	52,653

Design:	S-Well to top of Wasatch			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section	Depth From (TVD)			
	0.0	0.0	0.0	284.05

Measured Depth (ft)	Inclination (°)	Altitude (ft)	Vertical Depth (ft)	N-S (ft)	E-W (ft)	True North (ft)	True East (ft)	True Vertical (ft)	True Horizontal (ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00
580.0	0.00	0.00	580.0	0.0	0.0	0.00	0.00	0.00	0.00
1,379.4	23.98	284.05	1,358.3	40.0	-159.9	3.00	3.00	0.00	284.05
3,532.8	23.98	284.05	3,323.7	252.6	-1,009.0	0.00	0.00	0.00	0.00
4,332.2	0.00	0.00	4,100.0	292.6	-1,168.9	3.00	-3.00	0.00	180.00
8,482.2	0.00	0.00	8,250.0	292.6	-1,168.9	0.00	0.00	0.00	0.00

HCU 7-30F - Reques

# XTO Energy, Inc. Planning Report

Database: EDM 2003.14 Single User Db  
Company: XTO Energy  
Project: Natural Buttes Wells(NAD83)  
Site: HCU 7-30F  
Well: HCU 7-30F  
Wellbore: Sundry'd Wellbore  
Design: S-Well to top of Wasatch

Local Survey: HCU 7-30F  
TVD (ft): 5240.0  
MD (ft): 5240.0  
WOB (ft): 5240.0  
Survey: HCU 7-30F

Well HCU 7-30F  
Rig KB @ 5240.0ft (Frontier Rig #2)  
Rig KB @ 5240.0ft (Frontier Rig #2)  
True  
Minimum Curvature

## Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	GV-S (ft)	T-RAW (ft)	Vertical Depth (ft)	Dogleg Rate (1/1000)	Build Rate (1/1000)	Turn Rate (1/1000)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
13-3/8"									
580.0	0.00	0.00	580.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.80	284.05	600.0	0.0	-0.1	0.1	3.00	3.00	0.00
700.0	3.80	284.05	699.9	0.9	-3.7	3.8	3.00	3.00	0.00
800.0	6.60	284.05	799.5	3.1	-12.3	12.7	3.00	3.00	0.00
900.0	9.80	284.05	898.5	6.5	-25.9	26.7	3.00	3.00	0.00
1,000.0	12.60	284.05	996.6	11.2	-44.6	46.0	3.00	3.00	0.00
1,100.0	15.60	284.05	1,093.6	17.1	-68.2	70.4	3.00	3.00	0.00
1,200.0	18.60	284.05	1,189.2	24.2	-96.8	99.8	3.00	3.00	0.00
1,300.0	21.60	284.05	1,283.1	32.6	-130.1	134.1	3.00	3.00	0.00
1,379.4	23.98	284.05	1,356.3	40.0	-159.9	164.9	3.00	3.00	0.00
1,400.0	23.98	284.05	1,375.1	42.1	-168.1	173.2	0.00	0.00	0.00
1,500.0	23.98	284.05	1,466.5	51.9	-207.5	213.9	0.00	0.00	0.00
1,600.0	23.98	284.05	1,557.8	61.8	-246.9	254.5	0.00	0.00	0.00
1,700.0	23.98	284.05	1,649.2	71.7	-286.3	295.2	0.00	0.00	0.00
1,800.0	23.98	284.05	1,740.6	81.5	-325.8	335.8	0.00	0.00	0.00
1,900.0	23.98	284.05	1,831.9	91.4	-365.2	376.5	0.00	0.00	0.00
2,000.0	23.98	284.05	1,923.3	101.3	-404.6	417.1	0.00	0.00	0.00
2,100.0	23.98	284.05	2,014.7	111.2	-444.1	457.8	0.00	0.00	0.00
2,200.0	23.98	284.05	2,106.0	121.0	-483.5	498.4	0.00	0.00	0.00
2,300.0	23.98	284.05	2,197.4	130.9	-522.9	539.1	0.00	0.00	0.00
2,400.0	23.98	284.05	2,288.8	140.8	-562.3	579.7	0.00	0.00	0.00
2,500.0	23.98	284.05	2,380.1	150.6	-601.8	620.3	0.00	0.00	0.00
2,600.0	23.98	284.05	2,471.5	160.5	-641.2	661.0	0.00	0.00	0.00
2,700.0	23.98	284.05	2,562.9	170.4	-680.6	701.6	0.00	0.00	0.00
2,800.0	23.98	284.05	2,654.2	180.2	-720.1	742.3	0.00	0.00	0.00
2,900.0	23.98	284.05	2,745.6	190.1	-759.5	782.9	0.00	0.00	0.00
3,000.0	23.98	284.05	2,837.0	200.0	-798.9	823.6	0.00	0.00	0.00
3,100.0	23.98	284.05	2,928.3	209.8	-838.4	864.2	0.00	0.00	0.00
3,200.0	23.98	284.05	3,019.7	219.7	-877.8	904.9	0.00	0.00	0.00
3,300.0	23.98	284.05	3,111.1	229.6	-917.2	945.5	0.00	0.00	0.00
3,400.0	23.98	284.05	3,202.4	239.5	-956.6	986.2	0.00	0.00	0.00
3,500.0	23.98	284.05	3,293.8	249.3	-996.1	1,026.8	0.00	0.00	0.00
3,532.8	23.98	284.05	3,323.7	252.6	-1,009.0	1,040.1	0.00	0.00	0.00
3,600.0	21.97	284.05	3,385.6	258.9	-1,034.4	1,066.4	3.00	-3.00	0.00
3,700.0	18.97	284.05	3,479.3	267.4	-1,068.4	1,101.3	3.00	-3.00	0.00
3,800.0	15.97	284.05	3,574.7	274.7	-1,097.5	1,131.3	3.00	-3.00	0.00
3,900.0	12.97	284.05	3,671.5	280.8	-1,121.7	1,156.3	3.00	-3.00	0.00
4,000.0	9.97	284.05	3,769.5	285.6	-1,141.0	1,176.2	3.00	-3.00	0.00
4,100.0	6.97	284.05	3,868.4	289.2	-1,155.3	1,190.9	3.00	-3.00	0.00
4,200.0	3.97	284.05	3,967.9	291.5	-1,164.5	1,200.4	3.00	-3.00	0.00
4,237.1	2.85	284.05	4,005.0	292.0	-1,166.6	1,202.6	3.00	-3.00	0.00
Wasatch Tongue									
4,300.0	0.97	284.05	4,067.8	292.5	-1,168.7	1,204.7	3.00	-3.00	0.00
4,332.2	0.00	0.00	4,100.0	292.6	-1,168.9	1,205.0	3.00	-3.00	0.00
HCU 7-30F -- Requested BHL									
4,400.0	0.00	0.00	4,167.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00

# XTO Energy, Inc. Planning Report

Database: EDM 2003.14 Single User Db  
Company: XTO Energy  
Project: Natural Buttes Wells(NAD83)  
Site: HCU 7-30F  
Well: HCU 7-30F  
Wellbore: Sundry'd Wellbore  
Design: S-Well to top of Wasatch

Well HCU 7-30F  
Rig KB @ 5240.0ft (Frontier Rig #2)  
Rig KB @ 5240.0ft (Frontier Rig #2)  
True  
Minimum Curvature

## Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	True Depth (ft)	True Angle (°)	Vertical Section (ft)	Depth Error (ft)	Build Rate (ft/1000)	10m Rate (ft/1000)
<b>9 5/8"</b>									
4,500.0	0.00	0.00	4,287.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,387.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
4,602.2	0.00	0.00	4,370.0	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
<b>Uteland Limestone</b>									
4,700.0	0.00	0.00	4,467.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
4,752.2	0.00	0.00	4,520.0	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
<b>Wasatch</b>									
4,800.0	0.00	0.00	4,567.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,667.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
5,000.0	0.00	0.00	4,767.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
5,100.0	0.00	0.00	4,867.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
5,200.0	0.00	0.00	4,967.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
5,300.0	0.00	0.00	5,067.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
5,400.0	0.00	0.00	5,167.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
5,500.0	0.00	0.00	5,267.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
5,600.0	0.00	0.00	5,367.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
5,647.2	0.00	0.00	5,415.0	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
<b>Chapita Wells</b>									
5,700.0	0.00	0.00	5,467.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
5,800.0	0.00	0.00	5,567.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
5,900.0	0.00	0.00	5,667.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
6,000.0	0.00	0.00	5,767.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
6,100.0	0.00	0.00	5,867.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
6,200.0	0.00	0.00	5,967.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
6,300.0	0.00	0.00	6,067.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
6,400.0	0.00	0.00	6,167.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
6,500.0	0.00	0.00	6,267.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
6,600.0	0.00	0.00	6,367.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
6,700.0	0.00	0.00	6,467.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
6,800.0	0.00	0.00	6,567.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
6,812.2	0.00	0.00	6,580.0	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
<b>Uteland Buttes</b>									
6,900.0	0.00	0.00	6,667.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
7,000.0	0.00	0.00	6,767.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
7,100.0	0.00	0.00	6,867.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
7,200.0	0.00	0.00	6,967.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
7,300.0	0.00	0.00	7,067.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
7,400.0	0.00	0.00	7,167.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
7,500.0	0.00	0.00	7,267.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
7,600.0	0.00	0.00	7,367.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
7,627.2	0.00	0.00	7,395.0	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
<b>Mesaverde</b>									
7,700.0	0.00	0.00	7,467.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
7,800.0	0.00	0.00	7,567.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
7,900.0	0.00	0.00	7,667.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
8,000.0	0.00	0.00	7,767.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
8,100.0	0.00	0.00	7,867.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
8,200.0	0.00	0.00	7,967.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
8,300.0	0.00	0.00	8,067.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
8,400.0	0.00	0.00	8,167.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00
8,480.0	0.00	0.00	8,247.8	292.6	-1,168.9	1,205.0	0.00	0.00	0.00

# XTO Energy, Inc. Planning Report

Database: EDM 2003.14 Single User Db  
Company: XTO Energy  
Project: Natural Buttes Wells(NAD83)  
Site: HCU 7-30F  
Well: HCU 7-30F  
Wellbore: Sundry'd Wellbore  
Design: S-Well to top of Wasatch

Level: On the line  
Type: Horizontal  
No. of points: 2  
North: True North  
Survey: Minimum Curvature

Well HCU 7-30F  
Rig KB @ 5240.0ft (Frontier Rig #2)  
Rig KB @ 5240.0ft (Frontier Rig #2)  
True  
Minimum Curvature

## Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	True Depth (ft)	True Angle (°)	Vertical Angle (°)	Depth Error (ft)	Depth Error (ft)	True Angle (°)
5 1/2"									
8,482.2	0.00	0.00	8,250.0	292.6	-1,168.9	1,205.0	0.00	0.00	0.00

## Targets

Target Name	Target Shape	Dip Angle (°)	Dip Dir (°)	True Depth (ft)	True Angle (°)	Vertical Angle (°)	Depth Error (ft)	Depth Error (ft)	True Angle (°)
HCU 7-30F - Requester - plan hits target - Point		0.00	0.00	4,100.0	292.6	-1,168.9	3,135,618.74	2,143,897.08	39° 55' 13.811 N 109° 42' 18.920 W

## Casting Points

Measured Depth (ft)	Vertical Depth (ft)	True Angle (°)	Depth Error (ft)	Depth Error (ft)	True Angle (°)
500.0	500.0	13-3/8"			13-3/8 17-1/2
4,400.0	4,167.8	9 5/8"			9-5/8 12-1/4
8,480.0	8,247.8	5 1/2"			5-1/2 8-3/4

## Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	True Angle (°)
4,237.1	4,005.0	Wasatch Tongue	0.00
4,602.2	4,370.0	Uteland Limestone	0.00
4,752.2	4,520.0	Wasatch	0.00
5,647.2	5,415.0	Chapita Wells	0.00
6,812.2	6,580.0	Uteland Buttes	0.00
7,627.2	7,395.0	Mesaverde	0.00

## WELL DETAILS: HCU 7-30F

Ground Level: 5228.0  
-2062.0 FNL  
-938.0 FEL



Project: Natural Buttes Wells (NAD63)  
Site: HCU 7-30F  
Well: HCU 7-30F  
Wellbore: Sundry'd Wellbore  
S-Well to top of Wasatch

## FORMATION TOP DETAILS

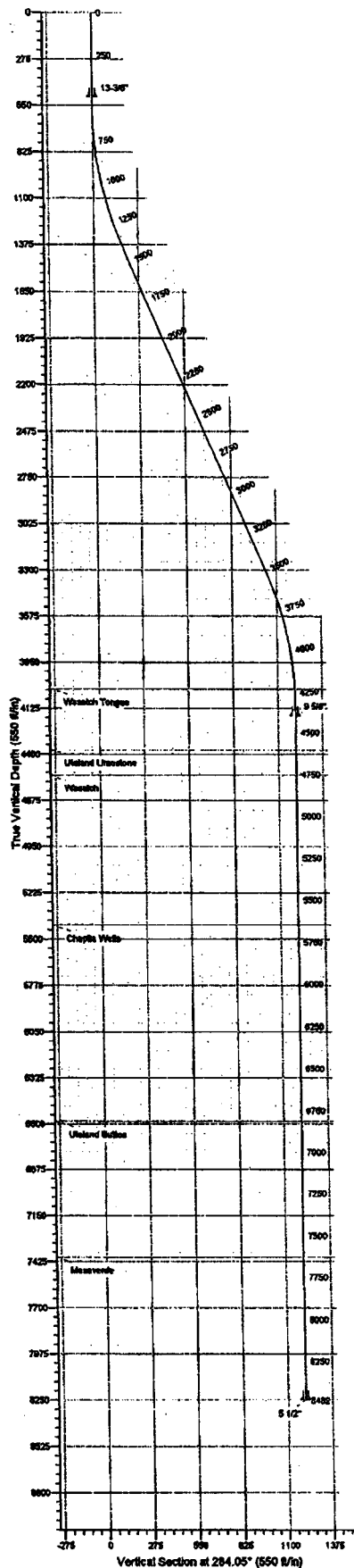
TVDPATH/MDPath: Formation  
4005.0 4237.1 Wasatch Tongue  
4370.0 4602.2 Utland Limestone  
4520.0 4752.2 Wasatch  
5415.0 5647.2 Chapin Wells  
6580.0 6812.2 Utland Buttes  
7395.0 7627.2 Mesaverde

## CASING DETAILS

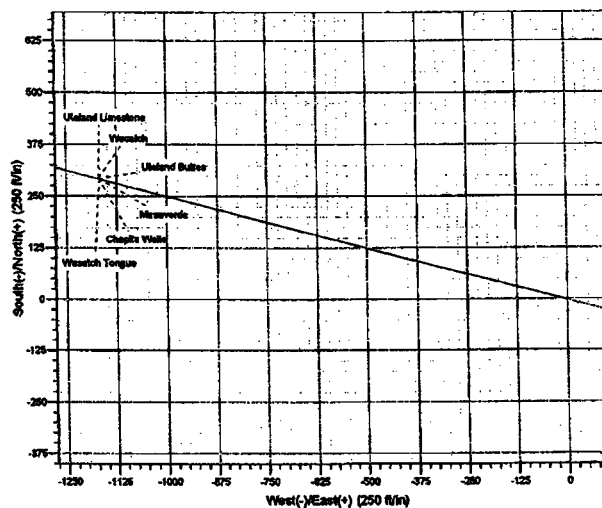
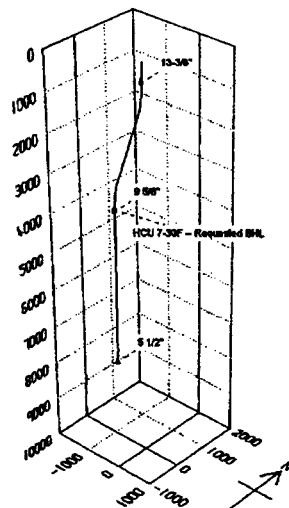
TVD	MD	Name	Size
500.0	500.0	13-3/8"	13-3/8"
4167.8	4400.0	9 5/8"	9-5/8"
8247.8	8490.0	5 1/2"	5-1/2"

## PROJECT DETAILS: Natural Buttes Wells (NAD63)

Geodetic System: US State Plane 1983  
Datum: North American Datum 1983  
Ellipsoid: GRS 1980  
Zone: Utah Northern Zone  
System Datum: Mean Sea Level



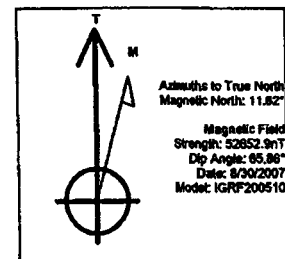
Vertical Section at 284.05° (SSD 660)



## SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	DLeg	TFace	VSec
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
2	580.0	0.00	0.00	580.0	0.0	0.0	0.00	0.00	0.0
3	31379.4	23.98	284.05	1356.3	40.0	-159.9	3.00	284.05	164.9
4	43832.8	23.98	284.05	3323.7	252.6	-1009.0	0.00	0.00	1040.1
5	54532.2	0.00	0.00	4100.0	282.5	-1168.9	3.00	180.00	1205.0
6	68482.2	0.00	0.00	8250.0	282.5	-1168.9	0.00	0.00	1205.0

HCU 7-30F -- Requested BHL



Azimuths to True North  
Magnetic North: 11.82°  
Magnetic Field  
Strength: 52652.9nT  
Dip Angle: 65.80°  
Date: 8/30/2007  
Model: IGRF200510

**Division of Oil, Gas and Mining**  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**7/1/2007**

**FROM: (Old Operator):**

N1095-Dominion Exploration & Production, Inc  
 14000 Quail Springs Parkway, Suite 600  
 Oklahoma City, OK 73134

Phone: 1 (405) 749-1300

**TO: ( New Operator):**

N2615-XTO Energy Inc  
 810 Houston St  
 Fort Worth, TX 76102

Phone: 1 (817) 870-2800

CA No.				Unit:		HILL CREEK		
WELL NAME		SEC TWN RNG		API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/6/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/6/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/6/2007
- a. Is the new operator registered in the State of Utah: Business Number: 5655506-0143
- b. If **NO**, the operator was contacted on: \_\_\_\_\_
- a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: \_\_\_\_\_
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 9/27/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/27/2007
- Bond information entered in RBDMS on: 9/27/2007
- Fee/State wells attached to bond in RBDMS on: 9/27/2007
- Injection Projects to new operator in RBDMS on: 9/27/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: 9/27/2007

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: UTB000138
- Indian well(s) covered by Bond Number: n/a
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 104312762
- b. The **FORMER** operator has requested a release of liability from their bond on: 1/23/2008

The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

**COMMENTS:**



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: XTO Energy Inc. <i>N2615</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 810 Houston Street CITY Fort Worth STATE TX ZIP 76102		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (817) 870-2800		8. WELL NAME and NUMBER: SEE ATTACHED
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED		9. API NUMBER: SEE ATTACHED
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
COUNTY: Uintah		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
Effective July 1, 2007, XTO Energy Inc. has purchased the wells listed on the attachment from:

Dominion Exploration & Production, Inc.  
14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134

*N1095*

*James D. Abercrombie*  
James D. Abercrombie  
Sr. Vice President, General Manager - Western Business Unit  
*(405) 749-1300*

Please be advised that XTO Energy Inc. is considered to be the operator on the attached list and is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands. Bond coverage is provided by Nationwide BLM Bond #104312750 and Department of Natural Resources Bond #104312762.

NAME (PLEASE PRINT) <i>Edwin S. Ryan, Jr.</i>	TITLE <i>Sr. Vice President - Land Administration</i>
SIGNATURE <i>Edwin S. Ryan, Jr.</i>	DATE <i>7/31/2007</i>

(This space for State use only)

APPROVED *9127107*

*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED

AUG 06 2007

DIV. OF OIL, GAS & MINING

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304731522	FEDERAL 1-29	SWNW	29	100S	200E	U-28203	12829	Federal	GW	P
4304731601	HILLCREEK FED 1-30	NWSW	30	100S	200E	U-30693	12829	Federal	GW	P
4304731675	HILL CREEK FED 1-27	SEnw	27	100S	200E	U-29784	12829	Federal	GW	P
4304733671	HCU 1-28F	NENE	28	100S	200E	14-20-H62-4783	12829	Indian	GW	S
4304733672	HCU 1-29F	NENE	29	100S	200E	U-28203	12829	Federal	GW	P
4304733673	HCU 2-30F	NWNE	30	100S	200E	UTU-29784	12829	Federal	GW	P
4304733688	HCU 3-28F	NENW	28	100S	200E	U-28203	12829	Federal	GW	P
4304733689	HCU 3-29F	NENW	29	100S	200E	U-28203	12829	Federal	GW	P
4304733713	HCU 3-30F	NWNW	30	100S	200E	UTU-30693	12829	Federal	GW	P
4304733835	HCU 5-30F	SWNW	30	100S	200E	U-30693	12829	Federal	GW	P
4304733836	HCU 6-30F	SEnw	30	100S	200E	U-30693	12829	Federal	GW	P
4304733964	HCU 8-30F	SENE	30	100S	200E	UTU-29784	12829	Federal	GW	P
4304733965	HCU 11-30F	NESW	30	100S	200E	U-30693	12829	Federal	GW	P
4304733966	HCU 13-30F	SWSW	30	100S	200E	U-30693	12829	Federal	GW	P
4304734045	HCU 5-28F	SWNW	28	100S	200E	U-28203	12829	Federal	GW	P
4304734046	HCU 7-29F	SWNE	29	100S	200E	U-28203	12829	Federal	GW	P
4304734223	HCU 9-29F	NESE	29	100S	200E	U-28203	12829	Federal	GW	P
4304734298	HCU 3-31F	NWNW	31	100S	200E	UTU-30693	12829	Federal	GW	P
4304734299	HCU 5-31F	SWNW	31	100S	200E	UTU-30693	12829	Federal	GW	P
4304734300	HCU 7-31F	SEnw	31	100S	200E	UTU-30693	12829	Federal	GW	P
4304734316	HCU 2-27F	NWNE	27	100S	200E	UTU-79130	12829	Federal	GW	P
4304734351	HCU 8-27F	SENE	27	100S	200E	UTU-79130	12829	Federal	GW	P
4304734352	HCU 11-31F	NWSW	31	100S	200E	UTU-30693	12829	Federal	GW	P
4304734353	HCU 13-31F	SWSW	31	100S	200E	UTU-30693	12829	Federal	GW	P
4304734853	HCU 1-33F	NENE	33	100S	200E	14-20-H62-4782	12829	Indian	GW	P
4304734854	HCU 3-34F	NENW	34	100S	200E	U-28203	12829	Federal	GW	P
4304734913	HCU 1-27F	NENE	27	100S	200E	U-79130	12829	Federal	GW	P
4304734914	HCU 3-27F	NENW	27	100S	200E	U-79130	12829	Federal	GW	P
4304734915	HCU 7-27F	SWNE	27	100S	200E	U-79130	12829	Federal	GW	S
4304734916	HCU 10-27F	NWSE	27	100S	200E	U-79130	12829	Federal	GW	P
4304734917	HCU 14-30F	SWSW	30	100S	200E	U-30693	12829	Federal	GW	P
4304734918	HCU 15-30F	SWSE	30	100S	200E	U-29784	12829	Federal	GW	P
4304734919	HCU 2-31F	NWNE	31	100S	200E	U-30693	12829	Federal	GW	P
4304734920	HCU 6-31F	SWNW	31	100S	200E	U-30693	12829	Federal	GW	P
4304734921	HCU 4-31F	NWNW	31	100S	200E	U-30693	12829	Federal	GW	P
4304735130	HCU 11-27F	NESW	27	100S	200E	U-29784	12829	Federal	GW	P
4304735131	HCU 2-29F	NWNE	29	100S	200E	U-28203	12829	Federal	GW	P
4304735132	HCU 9-30F	NESE	30	100S	200E	U-29784	12829	Federal	GW	P
4304735133	HCU 10-30F	NWSE	30	100S	200E	U-29784	12829	Federal	GW	P
4304735134	HCU 1-31F	NENE	31	100S	200E	U-36903	12829	Federal	GW	P
4304735135	HCU 12-31F	NWSW	31	100S	200E	U-30693	12829	Federal	GW	P
4304735137	HCU 2-33F	NENE	33	100S	200E	U-28203	12829	Federal	GW	P
4304735139	HCU 5-34F	NENW	34	100S	200E	U-28203	12829	Federal	GW	P
4304735154	HCU 13-27F	NESW	27	100S	200E	U-29784	12829	Federal	GW	P
4304735230	HCU 8-33F	SENE	33	100S	200E	14-20-H62-4782	12829	Indian	GW	P
4304735307	HCU 6-29F	SEnw	29	100S	200E	U-28203	12829	Federal	GW	P
4304735470	HCU 11-29F	NESW	29	100S	200E	U-28203	12829	Federal	GW	P
4304735471	HCU 10-29F	NWSE	29	100S	200E	U-28203	12829	Federal	GW	P

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304735507	HCU 12-29FA	NESW	29	100S	200E	U-28203	12829	Federal	GW	DRL
4304735724	HCU 16-27F	SESE	27	100S	200E	U-79130	12829	Federal	GW	P
4304735725	HCU 9-27F	NESE	27	100S	200E	U-79130	12829	Federal	GW	P
4304735726	HCU 15-27F	SWSE	27	100S	200E	U-79130	12829	Federal	GW	P
4304735727	HCU 9-34F	NESE	34	100S	200E	U-79130	12829	Federal	GW	P
4304735728	HCU 7-34F	SWNE	34	100S	200E	U-79130	12829	Federal	GW	P
4304735832	HCU 9-33F	NESE	33	100S	200E	U-28203	12829	Federal	GW	P
4304735833	HCU 16-33F	SESE	33	100S	200E	U-28203	12829	Federal	GW	P
4304735835	HCU 11-34F	NESW	34	100S	200E	U-28203	12829	Federal	GW	P
4304735836	HCU 12-34F	NWSW	34	100S	200E	U-28203	12829	Federal	GW	P
4304735837	HCU 13-34F	SWSW	34	100S	200E	U-28203	12829	Federal	GW	P
4304735838	HCU 15-34F	SWSE	34	100S	200E	U-79130	12829	Federal	GW	P
4304735875	HCU 14-34F	SWSE	34	100S	200E	U-79130	12829	Federal	GW	P
4304735934	HCU 8-31F	SENE	31	100S	200E	U-30693	12829	Federal	GW	P
4304735935	HCU 10-31F	NWSE	31	100S	200E	U-30693	12829	Federal	GW	P
4304735936	HCU 9-31F	NWSE	31	100S	200E	U-30693	12829	Federal	GW	P
4304735939	HCU 16-28F	SESE	28	100S	200E	U-28203	12829	Federal	GW	P
4304735940	HCU 6-34F	SENE	34	100S	200E	U-28203	12829	Federal	GW	P
4304735996	HCU 16-34F	SESE	34	100S	200E	U-79130	12829	Federal	GW	P
4304736046	HCU 14-31F	SWSW	31	100S	200E	U-30693	12829	Federal	GW	P
4304736251	HCU 16-30F	NESE	30	100S	200E	U-29784	12829	Federal	GW	P
4304736319	HCU 10-28F	NWSE	28	100S	200E	U-28203	12829	Federal	GW	P
4304736320	HCU 13-28F	SWSW	28	100S	200E	U-28203	12829	Federal	GW	P
4304736321	HCU 14-28F	SESW	28	100S	200E	U-28203	12829	Federal	GW	P
4304736437	HCU 5-27F	SWNW	27	100S	200E	U-29784	12829	Federal	GW	DRL
4304736438	HCU 4-27F	SWNW	27	100S	200E	U-29784	12829	Federal	GW	DRL
4304736439	HCU 11-28F	NESW	28	100S	200E	U-28203	12829	Federal	GW	P
4304736440	HCU 5-30F2	SWNW	30	100S	200E	U-30693	12829	Federal	GW	DRL
4304736601	HCU 5-33F	SWNW	33	100S	200E	U-28203	12829	Federal	GW	P
4304736602	HCU 12-33F	NWSW	33	100S	200E	U-28203	12829	Federal	GW	P
4304736603	HCU 6-28F	SENE	28	100S	200E	U-28203	12829	Federal	GW	S
4304736604	HCU 12-28F	NWSW	28	100S	200E	U-28203	12829	Federal	GW	P
4304736685	HCU 13-33F	SWSW	33	100S	200E	U-28203	12829	Federal	GW	P
4304736846	HCU 9-28F	NESE	28	100S	200E	14-20-H62-4781	12829	Indian	GW	P
4304736847	HCU 8-28F	SENE	28	100S	200E	14-20-H62-4783	12829	Indian	GW	P
4304736848	HCU 7-28F	SWNE	28	100S	200E	U-28203	12829	Federal	GW	P
4304736849	HCU 1-34F	NENE	34	100S	200E	U-79130	12829	Federal	GW	P
4304736852	HCU 14-27F	NESW	27	100S	200E	U-29784	12829	Federal	GW	DRL
4304736853	HCU 16-29F	SESE	29	100S	200E	U-28203	12829	Federal	GW	P
4304737060	HCU 4-33F	NWNW	33	100S	200E	U-28203	12829	Federal	GW	P
4304737202	HCU 6-33F	SENE	33	100S	200E	U-28203	12829	Federal	GW	P
4304737203	HCU 3-33F	NWNE	33	100S	200E	U-28203	12829	Federal	OW	P
4304737204	HCU 15-28F	NWNE	33	100S	200E	14-20-H62-4781	12829	Indian	OW	P
4304737284	HCU 7-30F	SENE	30	100S	200E	U-29784	99999	Federal	OW	DRL
4304737340	HCU 5-29F	SWNW	29	100S	200E	U-28203	12829	Federal	GW	P
4304737360	HCU 11-33F	NWSW	33	100S	200E	U-28203	12829	Federal	GW	P
4304737424	HCU 12-27F	NESW	27	100S	200E	U-29784	12829	Federal	OW	DRL
4304737425	HCU 14-29F	SWSW	29	100S	200E	U-28203	12829	Federal	GW	P

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304737426	HCU 13-29F	SWSW	29	100S	200E	U-28203	12829	Federal	GW	P
4304737427	HCU 8-29F	NESE	29	100S	200E	U-28203	12829	Federal	GW	P
4304737445	HCU 8-34F	SENE	34	100S	200E	U-79130	12829	Federal	OW	S
4304737446	HCU 2-34F	NWNE	34	100S	200E	U-79130	12829	Federal	OW	DRL
4304737447	HCU 7-33F	SENE	33	100S	200E	U-28203	12829	Federal	OW	DRL
4304737570	HCU 10-33F	NWSE	33	100S	200E	14-20-H62-4782	12829	Indian	GW	P
4304737749	HCU 4-28F	NENW	28	100S	200E	U-28203	99999	Federal	GW	DRL
4304737750	HCU 14-33F	SWSE	33	100S	200E	U-028203	12829	Federal	GW	DRL
4304731560	HILL CREEK ST 1-32	SENE	32	100S	200E	ML-22313	12829	State	GW	P
4304734852	HCU 4-32F	NWNW	32	100S	200E	ML-22313-2	12829	State	GW	P
4304735136	HCU 5-32F	SWNW	32	100S	200E	ML-22313-2	12829	State	GW	P
4304735870	HCU 13-32F	NESE	31	100S	200E	ML-22313-2		State	GW	LA
4304735871	HCU 12-32F	NESE	31	100S	200E	ML-22313-2		State	GW	LA
4304735872	HCU 14-32F	SESW	32	100S	200E	ML-22313-2	12829	State	GW	P
4304735873	HCU 3-32F	NENW	32	100S	200E	ML-22313-2	12829	State	GW	DRL
4304735874	HCU 11-32F	SENE	32	100S	200E	ML-22313-2	12829	State	D	PA
4304736322	HCU 16-32F	SESE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736323	HCU 9-32F	NESE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736324	HCU 8-32F	SENE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736441	HCU 1-32F2	NENE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736684	HCU 7-32F	SENE	32	100S	200E	ML-22313-2	12829	State	GW	P



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



IN REPLY REFER TO  
3180  
UT-922

Dominion Exploration & Production, Inc.  
Attn: James D. Abercrombie  
14000 Quail Springs Parkway, #600  
Oklahoma City, OK 73134-2600

August 10, 2007

Re: Hill Creek Unit  
Uintah County, Utah

Gentlemen:

On August 8, 2007, we received an indenture dated June 30, 2007, whereby Dominion Exploration & Production, Inc. resigned as Unit Operator and XTO Energy Inc. was designated as Successor Unit Operator for the Hill Creek Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 15, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Hill Creek Unit Agreement.

Your statewide oil and gas Bond No. UTB000138 will be used to cover all operations within the River Bend Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

*/s/ Greg J. Noble*

Greg J. Noble  
Acting Chief, Branch of Fluid Minerals

Enclosure

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AUG 16 2007

DIV. OF OIL, GAS & MINING

## DIV. OF OIL, GAS & MINING

**HALLIBURTON**

***Cementing Job Summary***

Fluid Data									
Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbs/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	MUD FLUSH	MUD FLUSH - ZI - SBM (13383)	50.00	bbl	8.4	.0	.0	5.0	
2	3% KCL Water		10.00	bbl	8.48	.0	.0	5.0	
3	Lead Cement	HIGHFILL CEMENT - SBM (17578)	65.0	sacks	11.8	3.12	17.83	5.0	17.83
		17.804 Gal	FRESH WATER						
4	Tail Cement	HALLIBURTON LIGHT PREMIUM PLUS - SBM (14341)	555.0	sacks	13.	1.75	9.08	5.0	9.08
		3 %	POTASSIUM CHLORIDE 7% (100001585)						
		1 %	ECONOLITE (100001580)						
		0.6 %	HALAD(R)-322, 50 LB (100003046)						
		0.2 %	HR-5, 50 LB SK (100005050)						
		9.08 Gal	FRESH WATER						
5	3% KCL Displacement			bbl	8.48	.0	.0	5.0	
Calculated Values		Pressures		Volumes					
Displacement		Shut in: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe		Amount 40 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature <i>K Kelly</i>					

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DIV. OF OIL, GAS & MINING

43047-37284  
20 10s 20e

# HALLIBURTON

## Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 301599		Ship To #: 2600375		Quote #:		Sales Order #: 5377772	
Customer: XTO ENERGY INC				Customer Rep: S, Frontier			
Well Name: Hill Creek Unit		Well #: 7-30F		API/UMI #:			
Field: NATURAL BUTTES		City (SAP): UNKNOWN		County/Parish: Uintah		State: Utah	
Contractor: Frontier		Rig/Platform Name/Num: N/A 6					
Job Purpose: Cement Intermediate Casing							
Well Type: Development Well				Job Type: Cement Intermediate Casing			
Sales Person: COOK, RORY		Srvc Supervisor: HUBBELL, JARED		MBU ID Emp #: 293464			
Job Personnel							
HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs
HOWELL, TREVOR S	0.0	413112	HUBBELL, JARED Winston		293464	SHAVER, SCOTT L	0.0
WALLACE, TYLER	0.0	408055					
Equipment							
HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10719778	60 mile	10672435	60 mile	10973575	60 mile	5998	60 mile
Job Hours							
Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours
9/25/07	12	3					
TOTAL				Total is the sum of each column separately			
Job Times							
Formation Name	Date			Time		Time Zone	
Formation Depth (MD) Top	Bottom			Called Out		25 - Sep - 2007 06:00 MST	
Form Type	BHST			On Location		25 - Sep - 2007 06:00 MST	
Job depth MD	4400. ft			Job Started		25 - Sep - 2007 15:13 MST	
Water Depth	Wk Ht Above Floor 5.5 ft			Job Completed		25 - Sep - 2007 17:37 MST	
Perforation Depth (MD) From	To			Departed Loc		25 - Sep - 2007 19:15 MST	
Well Data							
Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade
13 3/8" Surface	Used		13.375	12.615	54.5		
12 1/4" Open Hole				12.25			550.
9 5/8" Intermediate	Used		9.625	8.921	36.		4400.
Sales/Rental/3 <sup>rd</sup> Party (HES)							
Description	Qty	Qty uom	Depth	Supplier			
PLUG,CMTG,TOP,9 5/8,HWE,8.16 MIN/9.06 MA	1	EA					
Tools and Accessories							
Type	Size	Qty	Make	Depth	Type	Size	Qty
Guide Shoe					Packer		
Float Shoe					Bridge Plug		
Float Collar					Retainer		
Insert Float							
Stage Tool							
Miscellaneous Materials							
Gelling Agt		Conc		Surfactant		Conc	
Treatment Fld		Conc		Inhibitor		Conc	
					Acid Type		
					Sand Type		

Summit Version: 7.20.130

Tuesday, September 25, 2007 18:40:00

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DIV. OF OIL, GAS & MINING



# HALLIBURTON

## Cementing Job Summary

Fluid Data									
Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Gel Water W/Poly-E Ahead			bbl	8.4	.0	.0	5.0	
2	Lead Cement	CMT - STANDARD TYPE III - FINE (100012229)		sacks	10.5	4.14	26.03	5.0	26.03
	94 lbm	CMT - STANDARD TYPE III - FINE, BULK (100012229)							
	2 %	CAL-SEAL 60, 100 LB BAG (100005051)							
	2 %	ECONOLITE (100001580)							
	0.3 %	VERSASET, 50 LB SK (100007865)							
	0.125 lbm	POLY-E-FLAKE (101216940)							
	10 lbm	GILSONITE, BULK (100003700)							
	26.03 Gal	FRESH WATER							
3	Tail Cement	CMT - STANDARD CEMENT (100003684)		sacks	15.6	1.2	5.26	5.0	5.26
	94 lbm	CMT - STANDARD - CLASS A REG OR TYPE I, BULK (100003684)							
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)							
	0.125 lbm	POLY-E-FLAKE (101216940)							
	5.258 Gal	FRESH WATER							
4	Displacement			bbl	8.34	.0	.0	5.0	
5	Top Out Side	CMT - STANDARD CEMENT (100003684)		sacks	15.6	1.21	5.28		5.28
	94 lbm	CMT - STANDARD - CLASS A REG OR TYPE I, BULK (100003684)							
	3 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)							
	0.125 lbm	POLY-E-FLAKE (101216940)							
	5.275 Gal	FRESH WATER							
Calculated Values		Pressures		Volumes					
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left in Pipe	Amount	46.64 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature					

Summit Version: 7.20.130

Tuesday, September 25, 2007 18:40:00

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DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-29784
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: HILL CREEK UNIT
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME: HILL CREEK UNIT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2082' FNL & 836' FEL		8. WELL NAME and NUMBER: HCU 7-30F
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 30 10S 20E S		9. API NUMBER: 4304737284
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE/TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11/15/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: MONTHLY RPT 10/6/07 - 11/15/07
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Monthly Report for 10/6/2007 to 11/15/2007 attached.

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NOV 23 2007  
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) HOLLY C. PERKINS	TITLE REGULATORY COMPLIANCE TECH
SIGNATURE _____	DATE 11/19/2007

(This space for State use only)

## Farmington Well Workover Report

<b>HILL CREEK UNIT</b>	<b>Well # 7-30F</b>	
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**Objective:** Drill & Complete**First Report:** 10/08/2007**10/8/07** Wellview has all the drilling details and accumulated cost.**10/9/07** Hauled 4" .188X42 bare gas line to loc. Std welding 4" tie-in across loc. Compl 15-4" welds that were 250'. Compl tie-in 4" .188X42 bare gas line to 2" meter run. SDFN.**10/10/07** Compl tie in fr/4" .188X42 bare gas line to 2" mtr run. Compl inst of 4 .188 X42 bare gas line across road x-ing. Compl 8 - 4" tie welds. SDFN.**10/18/07** Rpt for AFE #714000 to D&C. MI build pads for sep/dehy combo unit, tk & mtr. Set 12' x 20' Natco tk (8J43201-01) w/500K htr . Set Pessco sep/dehy combo unit w/pre htr 24" x 12' w/ 250K heater & 16" X 6' vert sep (SN 214881) & 16" x 15' absorber tower (SN 102387) & dehy w/75k htr (SN 112387). Build pad & set 2" sales mtr run w/Daniels Simplex w/600 psi flgs. Run 2" sch 80 TBE bare pipe fr/WH to combo unit & fr/combo unit to prod tk. Run 2" ln fr/combo unit to sales mtr. Run 1/2" steel tbg for heat tr to tk & WH. Inst tk containment ring 44" x 36' x 10 ga & paint Carlsbad Tan. Ins & tin flw ln & tk ln. Susp rept pending further activity.**10/20/07** Compl PT on 4" .188W X42 steel gas line @ 850 for 8hrs. PT good.

10/20/07  
10/20/07

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: U-29784
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2082' FNL & 836' FEL		8. WELL NAME and NUMBER: HCU 7-30F
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 30 10S 20E		9. API NUMBER: 4304637284 4304737284
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: 1ST DELIVERY
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. first delivered gas sales from this well to Questar on 12/19/07 with an initial flow rate of 1,400 MCFPD.

NAME (PLEASE PRINT) <u>LORRI D. BINGHAM</u>	TITLE <u>REGULATORY COMPLIANCE TECH</u>
SIGNATURE <u></u>	DATE <u>12/27/2007</u>

(This space for State use only)

RECEIVED  
DEC 31 2007  
DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
XTO ENERGY INC.

3. ADDRESS OF OPERATOR:  
382 CR 3100 CITY AZTEC STATE NM ZIP 87410

PHONE NUMBER:  
(505) 333-3100

4. LOCATION OF WELL

FOOTAGES AT SURFACE: SHL: 2082' FNL & 836' FEL BHL: 1800' FNL & 2000' FEL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 30 10S 20E S

STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:

U-29784

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

HILL CREEK UNIT

8. WELL NAME and NUMBER:

HCU #7-30F

9. API NUMBER:

4304737284

10. FIELD AND POOL, OR WLD CAT:

NATURAL BUTTES/WSMVD

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ NOTICE OF INTENT  
(Submit in Duplicate)  
Approximate date work will start:  
\_\_\_\_\_

☒ SUBSEQUENT REPORT  
(Submit Original Form Only)

Date of work completion:

1/10/2008

TYPE OF ACTION

<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: MONTHLY
<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	REPORTING

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Attached is XTO Energy's monthly report for the period of 10/05/2007 to 01/10/2008.

NAME (PLEASE PRINT) DOLENA JOHNSON

TITLE OFFICE CLERK

SIGNATURE

*Dolena Johnson*

DATE

1/14/2008

(This space for State use only)

RECEIVED

JAN 18 2008

## Farmington Well Workover Report

HILL CREEK UNIT	Well # 7-30F	No WV
<b>Objective:</b>	Drill & Complete	
<b>First Report:</b>	10/08/2007	
<b>10/8/07</b>	Wellview has all the drilling details and accumulated cost.	
<b>10/9/07</b>	Hauled 4" .188X42 bare gas line to loc. Std welding 4" tie-in across loc. Compl 15-4" welds that were 250'. Compl tie-in 4" .188X42 bare gas line to 2" meter run. SDFN.	
<b>10/10/07</b>	Compl tie in fr/4" .188X42 bare gas line to 2" mtr run. Compl inst of 4 .188 X42 bare gas line across road x-ing. Compl 8 - 4" tie welds. SDFN.	
<b>10/18/07</b>	Rpt for AFE #714000 to D&C. MI build pads for sep/dehy combo unit, tk & mtr. Set 12' x 20' Natco tk (8J43201-01) w/500K htr . Set Pessco sep/dehy combo unit w/pre htr 24" x 12' w/ 250K heater & 16" X 6' vert sep (SN 214881) & 16" x 15' absorber tower (SN 102387) & dehy w/75k htr (SN 112387). Build pad & set 2" sales mtr run w/Daniels Simplex w/600 psi flgs. Run 2" sch 80 TBE bare pipe fr/WH to combo unit & fr/combo unit to prod tk. Run 2" ln fr/combo unit to sales mtr. Run 1/2" steel tbg for heat tr to tk & WH. Inst tk containment ring 44" x 36' x 10 ga & paint Carlsbad Tan. Ins & tin flw ln & tk ln. Susp rept pending further activity.	
<b>10/20/07</b>	Compl PT on 4" .188W X42 steel gas line @ 850 for 8hrs. PT good.	
<b>11/30/07</b>	Inst new TotalFlow XFC 6413 #23108916, Ferguson ACP 5000 #003263, MDS radio 4710B #1595892,man, solar panel, csg. and tbg xmtr, latching vlv. tk lvl sw. Complete.	
<b>12/11/07</b>	Contd rpt for AFE #714000 to D&C. PT csg & frac valve to 5000 psig. MIRU WL. Run GR/CCL/CBL fr/8446 (6' of fill) to 100'. Est TOC @ 600'. RDMO WL. MIRU CTU & pmp trk. SICIP 0 psig. Fill CT & tst surf equip to 5000 psig. TIH w/1-1/4", 8446' & displ well w/2% KCL wtr trtd w/biocide & sc inhibitor. W/EOT @ 8400' sptd 250 gals 7.5% HCL over perfs @ 8336-38', & 8395-99' (ac fr/8400-8135'). TOH w/CT. SWI & SDFN.	
<b>12/12/07</b>	MIRU WL. RIH w/3-1/8" csg guns loaded w/Owen SDP-3125-411NT4, 21 gm chrgs. Perf stage 1 intv fr/8336-38', & 8395-99' w/3 JSPF (120 deg phasing, 0.35" EHD, 34.24" pene., 20 holes). POH & LD perf guns. MIRU Schlumberger frac equip. SWI & SDFN.	
<b>12/13/07</b>	MIRU Schlumberger frac equip. PT surf lines to 7500 psig. Frac MV zone #1 perfs fr/8336' - 8399' dwn 5-1/2" csg w/30Q N2 foamed XL fld (YF115ST) gel w/70,221 gals 2% KCl wtr carrying 116,731 lbs 20/40 SB sd. Max sd conc 6.1 ppg, ISIP 3298 psig, 5" SIP 3175 psig, ATP 4534 psig. 0.83 Frac grad. Used Mscf 734 N2, 1800 BLWTR. RIH & set 5-1/2" CFP @ 8270', PT plg to 6,000 psig. Gd tst. RIH w/3-1/8" csg gun and perf MV zone # 2 fr/8204' - 08' & 8242' - 46' w/3 JSPF (Owen 21gm chrgs, .35" EHD, 34.24" pene.) 26 holes ttl. Frac MV stage #2 perfs fr/8204' - 8246' dwn 5-1/2" csg w/30Q N2 foamed XL fld (YF115ST) gel w/53,263 gals 2% KCl wtr carrying 100,015 lbs 20/40 SB sd. Max sd conc 8.2 ppg, ISIP 3796 psig, 5" SIP 3699 psig, ATP 4662 psig. 0.90 Frac grad. Used 603 Mscf N2, 1378 BLWTR. RIH & set 5-1/2" CFP @ 8100', PT plg to 6,000 psig. Gd tst. RIH w/3-1/8" csg gun and perf MV zone # 3 fr/8062' - 68" w/3 JSPF (Owen 21gm chrgs, .35" EHD, 34.24" pene.) 19 holes ttl. Frac MV stage #3 perfs fr/8062' - 8068' dwn 5-1/2" csg w/30Q N2 foamed XL fld (YF115ST) gel w/43,859 gals 2% KCl wtr carrying 75,507 lbs 20/40 SB sd. Max sd conc 6.6 ppg, ISIP 4325 psig, 5" SIP 4200 psig, ATP 4558 psig. 0.97 Frac grad. Used 487 Mscf N2, 1127 BWTR. SWI & SDFN. 4305 ttl BLWTR.	
<b>12/14/07</b>	SICIP 2100 psig. RIH & set 5-1/2" CFP @ 7350', PT plg to 6,000 psig. Gd tst. RIH w/3-1/8" csg gun and perf UBzone # 4 fr/7181' - 86', 7280' - 82' & 7290' - 93' w/3 JSPF (Owen 21gm chrgs, .35" EHD, 34.24" pene.) 33 holes ttl. Frac UB #4 perfs fr/7181' - 7293' dwn 5-1/2" csg w/50Q N2 foamed XL fld (YF118ST) gel w/39,338 gals 2% KCl wtr carrying 67,138 lbs 20/40 Jordan sd & 31,870 lbs 20/40 SB sd. Max sd conc 12.6 ppg, ISIP 3321 psig, 5" SIP 3300 psig, ATP 4472 psig. 0.90 Frac grad. Used 857 Mscf N2, 1044 BLWTR. RIH & set 5-1/2" CFP @ 6550', PT plg to 6,000 psig. Gd tst. RIH w/3-1/8" csg gun and perf CW zone # 5 fr/6493' - 98' & 6524' - 26' w/3 JSPF (Owen 21gm chrgs, .35" EHD, 34.24" pene.) 23 holes ttl. Frac CW #5 perfs fr/6493' - 6526' dwn 5-1/2" csg w/30Q N2 foamed SlickWater w/ 61,932 gals 2% KCl wtr carrying 27,317 lbs 20/40 Jordan sd & 12,569 lbs 20/40 SB sd. Max sd conc 2.4 ppg, ISIP 2275 psig, 5" SIP 2200 psig, ATP 3264 psig. 0.79 Frac grad. Used 664 Mscf N2, 1517 BLWTR. RIH & set 5-1/2" CFP @ 6160', PT plg to 6,000 psig. Gd tst. RIH w/3-1/8" csg gun and perf CW zone # 6 fr/6008' - 11', 6062' - 64', 6078' - 80', 6093' - 95' & 6120' - 22' w/3 JSPF (Owen 21gm chrgs, .35" EHD, 34.24" pene.) 38 holes ttl. Frac CW #6 perfs fr/6008' - 6122' dwn 5-1/2" csg w/50Q N2 foamed XL fld (YF118ST) gel w/43,239 gals 2% KCl wtr carrying 63,644 lbs 20/40 Jordan sd & 36,544 lbs 20/40 SB sd. Max sd conc 12.9 ppg, ISIP 2245 psig, 5" SIP 2240 psig, ATP 3460 psig. 0.81 Frac grad. Used 886 Mscf N2, 1138 BLWTR. SWI & SDFN. 8004 ttl BLWTR.	
<b>12/15/07</b>	SICIP 1400 psig. RIH & set 5-1/2" CFP @ 5,740', PT plg to 6,000 psig. Gd tst. RIH w/3-1/8" csg gun and perf CW zone # 7 fr/5544' - 47', 5558' - 62', 5694' - 96' & 5713' - 15' w/3 JSPF (Owen 21gm chrgs, .35" EHD, 34.24" pene.) 37 holes ttl. Frac CW # 7 perfs fr/5544' - 5715' dwn 5-1/2" csg w/50Q N2 foamed XL fld (YF118ST) gel w/30,838 gals 2% KCl wtr carrying 54,408 lbs 20/40 Jordan sd & 44,250 lbs 20/40 SB sd. Max sd conc 15.5 ppg, ISIP 3070 psig, 5" SIP 2975 psig, ATP 2880 psig. 0.79 Frac grad. Used 692 Mscf N2, 1380 BLWTR. 9384 ttl BLWTR. SWI 4 hrs & RDMO Schumberger frac equip. SICIP 2000 psig. OWU on 18/64 ck. F. 0 BO, 602 BLW, 13 hrs, FCP 2000 - 650 psig, 18/64" ck. Rets of gas, lt wtr, lt sd. 8782 BLWTR.	

Flow	Zone:	MV/WSTC			
	Event Desc:	Flow Back		Top Interval: 5,544	Bottom Interval: 8,399
		Avg	Choke	BBLs	
	Time	Press	Size	Rec	Comments
	5:00:00 PM	2,000	18/64	0	OWU.
	6:00:00 PM	1,600	18/64	53	Fld, gas & lt sd.
	7:00:00 PM	1,600	18/64	20	Fld, gas & lt sd.
	8:00:00 PM	1,600	18/64	32	Fld, gas & lt sd.
	9:00:00 PM	1,500	18/64	70	Fld, gas & lt sd.
	10:00:00 PM	1,200	18/64	65	Fld, gas & lt sd.
	11:00:00 PM	1,200	18/64	71	Fld, gas & lt sd.
	12:00:00 AM	1,200	18/64	23	Fld, gas & lt sd.
	1:00:00 AM	850	18/64	18	Fld, gas & lt sd.
	2:00:00 AM	850	18/64	17	Checked ck.
	3:00:00 AM	650	18/64	65	Fld, gas & lt sd.
	4:00:00 AM	650	18/64	65	Fld, gas & lt sd.
	5:00:00 AM	650	18/64	36	Fld, gas & lt sd.
	6:00:00 AM	650	18/64	67	Fld, gas & lt sd.
			Ttl Bbls:	602	

12/16/07 FCP 650 psig. F. 0 BO, 740 BLW, 24 hrs, FCP 650 - 950 psig, 24 - 20/64" ck. Rets gas, lt wtr, 8042 BLWTR.

Flow	Zone:	MV/WSTC			
	Event Desc:	Flow Back		Top Interval: 5,544	Bottom Interval: 8,399
		Avg	Choke	BBLs	
	Time	Press	Size	Rec	Comments
	7:00:00 AM	650	24/64	9	Chgd ck.
	8:00:00 AM	400	24/64	13	Fld & gas.
	9:00:00 AM	500	24/64	28	Fld & gas.
	10:00:00 AM	500	24/64	35	Fld & gas.
	11:00:00 AM	500	24/64	70	Fld & gas.
	12:00:00 PM	500	24/64	13	Fld & gas.
	1:00:00 PM	500	24/64	26	Fld & gas.
	2:00:00 PM	1,000	20/64	43	Chngd ck.
	3:00:00 PM	1,000	20/64	43	Fld & gas.
	4:00:00 PM	950	20/64	57	Fld & gas.
	5:00:00 PM	950	20/64	22	Fld & gas.
	6:00:00 PM	950	20/64	37	Fld & gas.
	7:00:00 PM	950	20/64	23	Fld & gas.
	8:00:00 PM	950	20/64	35	Fld & gas.
	9:00:00 PM	950	20/64	26	Fld & gas.
	10:00:00 PM	950	20/64	41	Fld & gas.
	11:00:00 PM	950	20/64	12	Fld & gas.
	12:00:00 AM	950	20/64	18	Fld & gas.
	1:00:00 AM	950	20/64	52	Fld & gas.
	2:00:00 AM	950	20/64	35	Fld & gas.
	3:00:00 AM	950	20/64	19	Fld & gas.
	4:00:00 AM	950	20/64	26	Fld & gas.
	5:00:00 AM	950	20/64	25	Fld & gas.
	6:00:00 AM	950	20/64	32	Fld & gas.
			Ttl Bbls:	740	

12/17/07 FCP 950 psig. F. 0 BO, 263 BLW, 24 hrs, FCP 950 - 1250 psig, 20/64" ck. Rets of as, lt wtr, no sd. 7779 BLWTR.

Flow Zone: MV/WSTC

3:00:00 AM	1,250	20/64	9	Fld & gas.
4:00:00 AM	1,250	20/64	8	Fld & gas.
5:00:00 AM	1,250	20/64	9	Fld & gas.
6:00:00 AM	1,250	20/64	9	Fld & gas.

Ttl Bbls: 245

12/19/07 F. 0 BO, 184 BLW, 24 hrs, FCP 1250 - 1250 psig, 18/64" ck. Rets gas, wtr, 7,350 BLWTR.

Flow	Zone:	MV/WSTC			Top Interval: 5,544	Bottom Interval: 8,399
	Event Desc:	Flow Back				
		Avg	Choke	BBLs		
	Time	Press	Size	Rec	Comments	
	7:00:00 AM	1,200	18/64	18	Fld & gas.	
	8:00:00 AM	1,150	18/64	13	Fld & gas.	
	9:00:00 AM	1,200	18/64	4	Fld & gas.	
	10:00:00 AM	1,200	18/64	5	Fld & gas.	
	11:00:00 AM	1,150	18/64	8	Fld & gas.	
	12:00:00 PM	1,100	18/64	9	Fld & gas.	
	1:00:00 PM	1,050	18/64	13	Fld & gas.	
	2:00:00 PM	1,000	18/64	13	Fld & gas.	
	3:00:00 PM	1,050	18/64	4	Fld & gas.	
	4:00:00 PM	1,000	18/64	4	Fld & gas.	
	5:00:00 PM	1,000	18/64	4	Fld & gas.	
	6:00:00 PM	1,000	18/64	4	Fld & gas.	
	7:00:00 PM	1,100	18/64	5	Fld & gas.	
	8:00:00 PM	1,300	18/64	4	Fld & gas.	
	9:00:00 PM	1,250	18/64	13	Fld & gas.	
	10:00:00 PM	1,250	18/64	13	Fld & gas.	
	11:00:00 PM	1,250	18/64	5	Fld & gas.	
	12:00:00 AM	1,250	18/64	9	Fld & gas.	
	1:00:00 AM	1,250	18/64	5	Fld & gas.	
	2:00:00 AM	1,250	18/64	4	Fld & gas.	
	3:00:00 AM	1,250	18/64	9	Fld & gas.	
	4:00:00 AM	1,250	18/64	5	Fld & gas.	
	5:00:00 AM	1,250	18/64	9	Fld & gas.	
	6:00:00 AM	1,250	18/64	4	Fld & gas.	
			Ttl Bbls:	184		

12/20/07 FCP 1250 psig. F. 0 BO, 167 BLW, 24 hrs, FCP 1250 - 1250 psig, 18/64" ck. Rets gas, lt wtr, no sd. 7183 BLWTR. FCP 1,200 psig. OWU @ 3:00 p.m., 12-19-07 via csg. Delv first gas sales Questar via XTO Hill Creek CDP. IFR 1,400 MCFPD.

Flow	Zone:	MV/WSTC			Top Interval: 5,544	Bottom Interval: 8,399
	Event Desc:	Flow Back				
		Avg	Choke	BBLs		
	Time	Press	Size	Rec	Comments	
	7:00:00 AM	1,250	18/64	9	Fld & gas.	
	8:00:00 AM	1,250	18/64	5	Fld & gas.	
	9:00:00 AM	1,200	18/64	4	Fld & gas.	
	10:00:00 AM	1,200	18/64	5	Fld & gas.	
	11:00:00 AM	1,200	18/64	5	Fld & gas.	
	12:00:00 PM	1,200	18/64	4	Fld & gas.	
	1:00:00 PM	1,200	18/64	5	Fld & gas.	
	2:00:00 PM	1,200	18/64	13	Fld & gas.	
	3:00:00 PM	1,200	18/64	13	Fld & gas.	
	4:00:00 PM	1,200	18/64	14	Fld & gas.	
	5:00:00 PM	1,200	18/64	5	Fld & gas.	



6:00:00 PM	1,200	18/64	5	Fld & gas.
7:00:00 PM	1,200	18/64	9	Fld & gas.
8:00:00 PM	1,200	18/64	4	Fld & gas.
9:00:00 PM	1,200	18/64	5	Fld & gas.
10:00:00 PM	1,200	18/64	9	Fld & gas.
11:00:00 PM	1,200	18/64	4	Fld & gas.
12:00:00 AM	1,200	18/64	4	Fld & gas.
1:00:00 AM	1,200	18/64	5	Fld & gas.
2:00:00 AM	1,200	18/64	9	Fld & gas.
3:00:00 AM	1,200	18/64	9	Fld & gas.
4:00:00 AM	1,200	18/64	9	Fld & gas.
5:00:00 AM	1,200	18/64	4	Fld & gas.
6:00:00 AM	1,200	18/64	9	Fld & gas.

Ttl Bbls: 167

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12/21/07 F. 0, -1, 100 MCF, FTP 0 psig, FCP 1200 psig, 16/64, LP 77 psig, SP 0 psig, DP 0 psig, 9 hrs.

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12/22/07 F. 0, -1, 1376 MCF, FTP 0 psig, FCP 1135 psig, 16/64, LP 88 psig, SP 0 psig, DP 0 psig, 24 hrs.

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12/23/07 F. 0, -1, 1328 MCF, FTP 0 psig, FCP 1085 psig, 16/64, LP 78 psig, SP 0 psig, DP 0 psig, 24 hrs.

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12/24/07 F. 0, -1, 1302 MCF, FTP 0 psig, FCP 1060 psig, 16/64, LP 80 psig, SP 0 psig, DP 0 psig, 24 hrs.

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12/25/07 F. 0, -1, 1274 MCF, FTP 0 psig, FCP 1120 psig, 16/64, LP 84 psig, SP 0 psig, DP 0 psig, 24 hrs.

---

12/26/07 F. 0, -1, 1240 MCF, FTP 0 psig, FCP 1097 psig, 16/64, LP 82 psig, SP 0 psig, DP 0 psig, 24 hrs. FR for AFE #714000 to D&C.

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## NOTICE

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
- Within 30 days after the completion or plugging of a well, the following shall be filed:
  - Form 8, Well Completion or Recompletion Report and Log
  - A copy of electric and radioactivity logs, if run
  - A copy of drillstem test reports,
  - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
  - A copy of core analyses, and lithologic logs or sample descriptions if compiled
  - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

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As of the mailing of this notice, the division has not received the required reports for

Operator: XTO Energy, Inc Today's Date: 02/14/2008

Well: API Number: Drilling Commenced:

See Attachment

43 047 37284  
HCU 7-30 F  
10 S 20 E 30

To avoid compliance action, required reports should be mailed within 7 business days to:

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

If you have questions or concerns regarding this matter, please call (801) 538-5284.

cc: Well File  
Compliance File

Well:		API Number:	Commenced:
RBU 9-13E	drlg rpts/wcr	4304731605	08/07/2007
Kings Cyn 2-32E	drlg rpts/wcr	4304738261	12/20/2006
RBU 27-18F	drlg rpts/wcr	4304738555	01/07/2007
RBU 15-9E	drlg rpts/wcr	4304737747	02/21/2007
RBU 1-3E	drlg rpts/wcr	4304736810	03/02/2007
RBU 13-16F	drlg rpts/wcr	4304735348	03/19/2007
RBU 17-15E	drlg rpts/wcr	4304738596	06/22/2007
RBU 32-13E	drlg rpts/wcr	4304738548	06/23/2007
RBU 28-18F	drlg rpts/wcr	4304738543	06/24/2007
Skyline U 1-6	drlg rpts/wcr	4301530633	07/29/2007
HCU 7-30F	drlg rpts/wcr	4304737284	08/06/2007
AP 2-2J	drlg rpts/wcr	4304737040	09/01/2007
COP 16-7-26-42	drlg rpts/wcr	4301530700	09/06/2007
KC 9-36D	drlg rpts/wcr	4304737660	09/18/2007

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8  
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**UTU-29784**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER \_\_\_\_\_

7. UNIT or CA AGREEMENT NAME

**HILL CREEK UNIT**

b. TYPE OF WORK:  
NEW WELL ☒ HORIZ. LATS ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:

**HCU 7-30F**

2. NAME OF OPERATOR  
**XTO Energy Inc.**

9. API NUMBER:  
**4304737284**

3. ADDRESS OF OPERATOR  
**382 CR 3100 AZTEC NM 87410** PHONE NUMBER:  
**(505) 333-3100**

10. FIELD AND POOL, OR WILDCAT  
**NATURAL BUTTES**

4. LOCATION OF WELL (FOOTAGES):  
AT SURFACE: **2082' FNL & 836' FEL** **per DKD review**

11. COUNTY, SECTION, TOWNSHIP, RANGE,  
MERIDIAN:  
**SENE 30 10S 20E**

AT TOP PRODUCING INTERVAL REPORTED BELOW:

AT TOTAL DEPTH: **1800' FNL & 2000' FEL 1795 fnl 1963 fel**

12. COUNTY  
**UINTAH**

13. STATE  
**UTAH**

14. DATE SPUNDED: **8/6/2007** 15. DATE T.D. REACHED: **9/30/2007** 16. DATE COMPLETED: **12/29/2008** **ABANDONED** ☐ **READY TO PRODUCE** ☒

17. ELEVATIONS (DF, RK2, RT, GL):  
**5226'**

18. TOTAL DEPTH MD **8,510** TVD **8296** 19. PLUG BACK T.D.: MD **8,452** TVD **8238**

20. IF MULTIPLE COMPLETIONS, HOW MANY? \*

21. DEPTH BRIDGE MD  
PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

**GR/CL/CBL CP, CV, Pex, LD, HRLA, CN**

23. WAS WELL CORED? NO ☒ YES ☐ (Submit analysis)  
WAS DST RUN? NO ☒ YES ☐ (Submit report)  
DIRECTIONAL SURVEY? NO ☒ YES ☐ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
17 1/2"	13 3/4" H40	48#	0	518		G 500	0	SURF	0
12 1/4"	9 5/8" J55	36#	0	4,400		A 895	0	SURF	0
7 7/8"	5 1/2" I80	17#	0	8,500		PL 620	0	SURF	0

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	8,206							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) MVRD	8,062	8,399			8,062 8,399	0.35	65	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B) WSTCH	5,544	7,293			5,544 7,293	0.35	131	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5544' - 8399'	Frac'd w/50Q N2 foamed XL fluid (YF115ST) gel w/342,690 gals 2% KCl water carrying 227,436# 20/40 SB sand and 242,507# 20/40 Jordan sand.

29. ENCLOSED ATTACHMENTS:

☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY  
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER: \_\_\_\_\_

30. WELL STATUS:

## 31. INITIAL PRODUCTION

## INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 12/29/2007	TEST DATE: 12/29/2007	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 1,240	WATER - BBL: 47	PROD. METHOD: F
CHOKE SIZE: 16/64	TBG. PRESS. 0	CSG. PRESS. 1,097	API GRAVITY 0.64	BTU - GAS 1,109	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS: P

## INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

## INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

## INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

## 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

TO BE SOLD

## 33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

## 34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				WASATCH TONGUE	4.200
				UTELAND LIMESTONE	4.558
				WASATCH	4.706
				CHAPITA WELLS	5.644
				UTELAND BUTTE	6.792
				MESAVERDE	7.628

## 35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) HOLLY C. PERKINS

TITLE REGULATORY COMPLIANCE TECH

SIGNATURE

DATE 2/18/2008

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

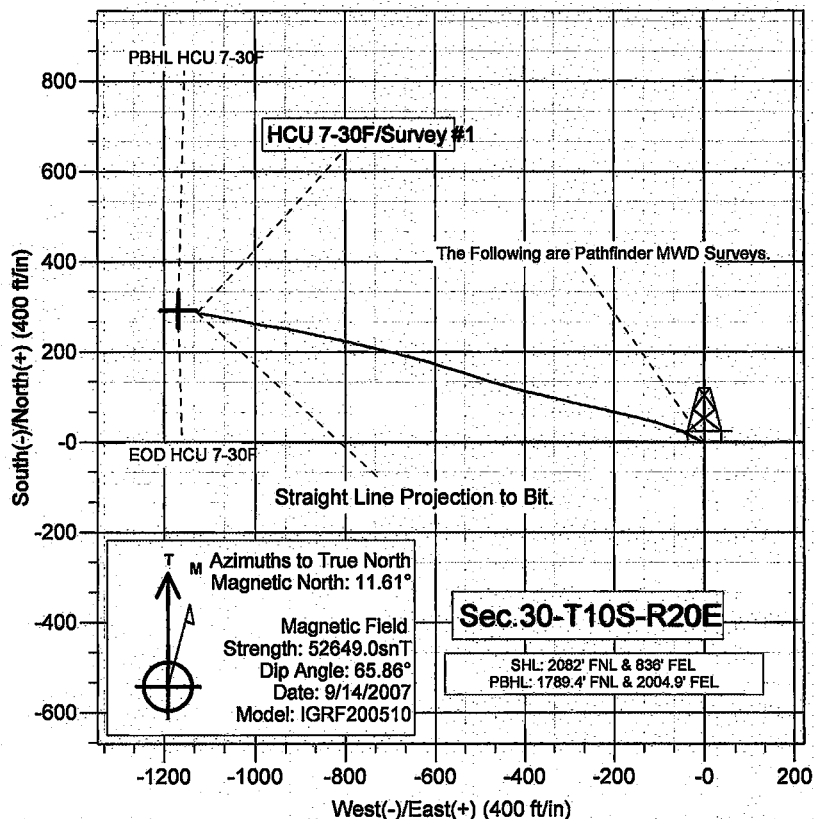
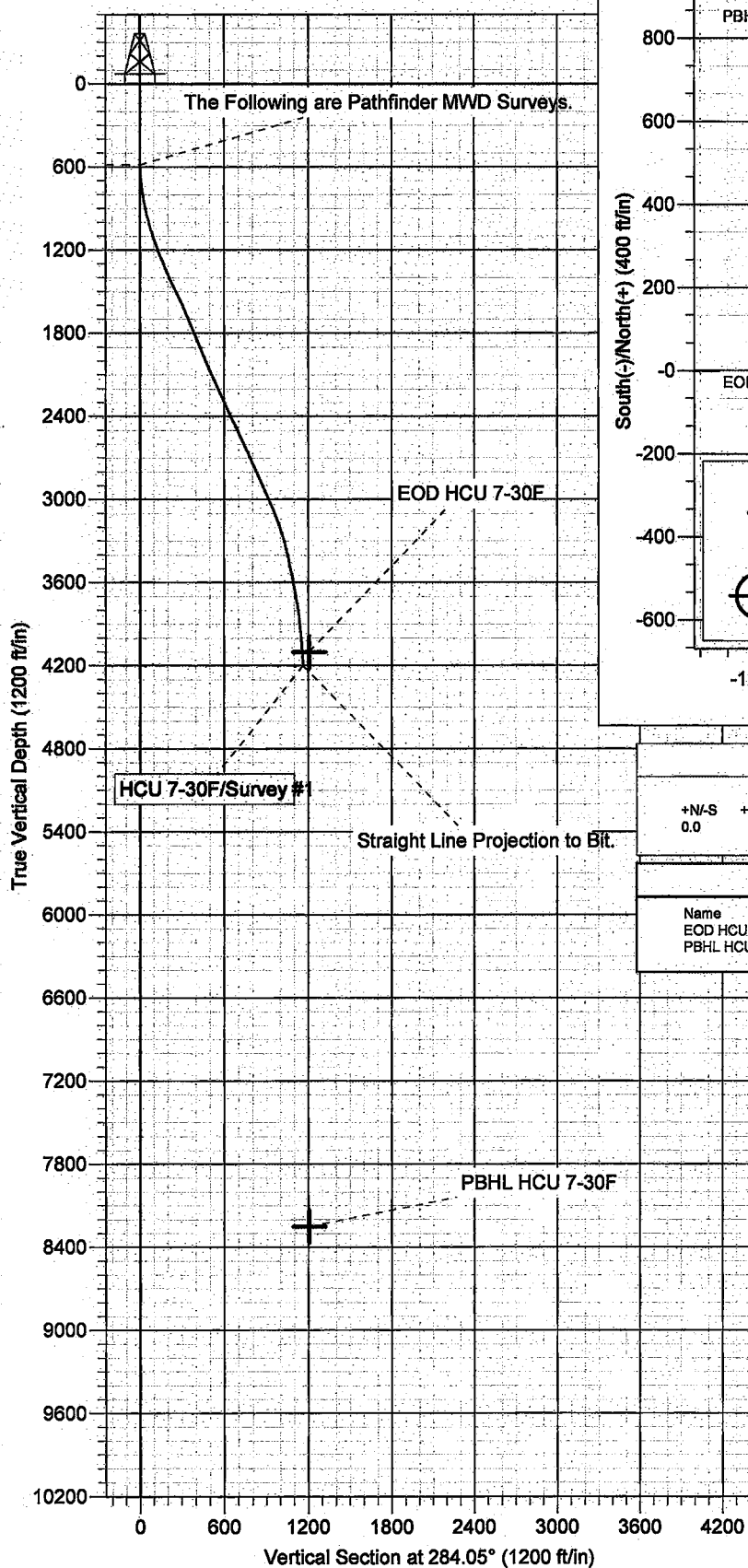
\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-638-5340

Fax: 801-359-3940



### WELL DETAILS: HCU 7-30F

+N/-S	+E/-W	Northing	Ground Level: Easting	5226.0 Latitude	Longitude	Slot
0.0	0.0	7144547.89	2144910.36	39° 55' 10.920 N	109° 42' 3.920 W	

### WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
EOD HCU 7-30F	4100.0	292.6	-1168.9	39° 55' 13.812 N	109° 42' 18.924 W	Point
PBHL HCU 7-30F	8250.0	292.6	-1168.9	39° 55' 13.812 N	109° 42' 18.924 W	Point

### ANNOTATIONS

TVD	MD	Annotation
0.0	0.0	Tie into Surface.
586.0	586.0	The Following are Pathfinder MWD Surveys
4201.5	4416.0	Straight Line Projection to Bit.

## PathFinder Energy Services, Inc.

## Survey Report

XTO Energy  
HCU 7-30F  
Uintah COUNTY, UT  
Rig:Frontier #6  
PathFinder Office Supervisor: Rich Arnold  
PathFinder Field Engineers: M. Snyder

Survey Horiz. Reference:WELLHEAD  
Ref Coordinates: LAT:39.55.10.9200 N LON:109.42.3.9200 W  
GRID Reference:NAD83 utah central Lambert  
Ref GRID Coord: X: 2144910.3634 Y: 7144547.9882  
North Aligned To:TRUE NORTH  
Total Magnetic Correction:11.61° EAST TO TRUE  
Vertical Section Plane: 284.05  
Survey Vert. Reference: 22.00' Rotary Table To Ground  
Altitude:5226.00' Ground To MSL

Survey Calculations by PathCalc v1.96 using Minimum Curvature

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Retangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
TIE INTO SURFACE										
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00@	0.00	0.00
THE FOLLOWING ARE PATHFINDER MWD SURVEYS										
586.00	0.18	147.66	586.00	586.00	-0.67	0.78 S	0.49 E	0.92@	147.66	0.03
648.00	2.99	291.72	647.97	62.00	0.87	0.26 S	0.96 W	0.99@	254.74	5.06
709.00	6.07	293.74	708.77	61.00	5.62	1.63 N	5.39 W	5.63@	286.79	5.06
771.00	8.27	299.28	770.29	62.00	13.16	5.13 N	12.28 W	13.31@	292.66	3.72
832.00	10.55	299.89	830.46	61.00	22.76	10.06 N	20.95 W	23.24@	295.64	3.74
896.00	13.01	298.66	893.11	64.00	35.37	16.43 N	32.35 W	36.29@	296.93	3.86
959.00	14.42	293.65	954.31	63.00	49.97	22.98 N	45.76 W	51.21@	296.66	2.92
1023.00	15.74	289.96	1016.11	64.00	66.46	29.14 N	61.22 W	67.80@	295.45	2.55
1086.00	16.88	287.67	1076.57	63.00	84.09	34.83 N	77.97 W	85.40@	294.07	2.08
1150.00	18.64	286.71	1137.52	64.00	103.58	40.60 N	96.62 W	104.80@	292.79	2.79
1213.00	20.40	285.83	1196.90	63.00	124.62	46.49 N	116.83 W	125.74@	291.70	2.83
1276.00	21.81	284.77	1255.67	63.00	147.30	52.47 N	138.71 W	148.30@	290.72	2.32
1340.00	23.13	283.89	1314.81	64.00	171.76	58.51 N	162.41 W	172.63@	289.81	2.13
1404.00	24.09	283.02	1373.45	64.00	197.39	64.47 N	187.34 W	198.12@	288.99	1.60
1467.00	24.89	282.93	1430.78	63.00	223.50	70.34 N	212.79 W	224.11@	288.29	1.27
1531.00	24.89	282.40	1488.84	64.00	250.43	76.24 N	239.07 W	250.93@	287.69	0.35
1595.00	25.06	282.23	1546.86	64.00	277.43	82.01 N	265.47 W	277.85@	287.17	0.29
1659.00	24.80	283.54	1604.89	64.00	304.40	88.02 N	291.76 W	304.75@	286.79	0.95
1722.00	23.13	283.89	1662.46	63.00	329.99	94.09 N	316.62 W	330.31@	286.55	2.66
1786.00	22.42	283.81	1721.47	64.00	354.77	100.02 N	340.68 W	355.06@	286.36	1.11
1849.00	22.25	283.19	1779.74	63.00	378.71	105.61 N	363.96 W	378.97@	286.18	0.46
1912.00	21.72	282.40	1838.16	63.00	402.29	110.83 N	386.96 W	402.51@	285.98	0.96
1976.00	22.51	283.19	1897.45	64.00	426.37	116.17 N	410.45 W	426.57@	285.80	1.32
2040.00	22.77	284.86	1956.52	64.00	451.01	122.14 N	434.35 W	451.20@	285.71	1.08

# PathFinder Energy Services, Inc.

## Survey Report

XTO Energy  
HCU 7-30F  
Uintah COUNTY, UT  
RIG:Frontier #6

Page 02/03

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Retangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
2104.00	22.95	287.15	2015.50	64.00	475.85	129.00 N	458.24 W	476.05@	285.72	1.42
2167.00	23.39	287.59	2073.42	63.00	500.60	136.40 N	481.90 W	500.83@	285.80	0.75
2231.00	23.65	287.59	2132.10	64.00	526.09	144.12 N	506.25 W	526.36@	285.89	0.41
2294.00	24.01	287.59	2189.73	63.00	551.49	151.81 N	530.51 W	551.80@	285.97	0.57
2357.00	24.01	287.50	2247.28	63.00	577.08	159.54 N	554.95 W	577.43@	286.04	0.06
2421.00	23.92	286.71	2305.76	64.00	603.04	167.18 N	579.80 W	603.42@	286.08	0.52
2486.00	24.18	286.36	2365.12	65.00	629.50	174.72 N	605.19 W	629.91@	286.10	0.46
2549.00	23.92	285.83	2422.65	63.00	655.16	181.84 N	629.86 W	655.58@	286.10	0.54
2613.00	24.18	285.21	2481.09	64.00	681.23	188.82 N	654.99 W	681.66@	286.08	0.57
2677.00	24.27	283.63	2539.46	64.00	707.49	195.36 N	680.42 W	707.91@	286.02	1.02
2741.00	24.36	283.46	2597.78	64.00	733.84	201.53 N	706.04 W	734.24@	285.93	0.18
2804.00	24.53	283.63	2655.13	63.00	759.91	207.63 N	731.39 W	760.29@	285.85	0.29
2868.00	24.80	283.54	2713.29	64.00	786.62	213.91 N	757.35 W	786.97@	285.77	0.43
2931.00	24.53	283.28	2770.54	63.00	812.91	220.00 N	782.92 W	813.24@	285.70	0.46
2995.00	24.09	282.67	2828.87	64.00	839.25	225.92 N	808.59 W	839.56@	285.61	0.79
3059.00	23.83	282.14	2887.35	64.00	865.23	231.50 N	833.98 W	865.51@	285.51	0.53
3122.00	23.83	282.31	2944.98	63.00	890.67	236.89 N	858.85 W	890.93@	285.42	0.11
3186.00	23.74	282.05	3003.55	64.00	916.47	242.34 N	884.08 W	916.70@	285.33	0.22
3248.00	23.39	281.43	3060.38	62.00	941.23	247.38 N	908.35 W	941.44@	285.23	0.69
3312.00	21.98	280.47	3119.43	64.00	965.88	252.08 N	932.58 W	966.05@	285.13	2.28
3375.00	19.61	278.53	3178.32	63.00	988.17	255.79 N	954.63 W	988.31@	285.00	3.92
3439.00	17.32	278.89	3239.02	64.00	1008.35	258.86 N	974.67 W	1008.46@	284.87	3.58
3503.00	15.12	278.53	3300.47	64.00	1026.15	261.57 N	992.34 W	1026.23@	284.77	3.44
3566.00	13.54	281.43	3361.51	63.00	1041.70	264.25 N	1007.69 W	1041.77@	284.69	2.75
3630.00	12.31	280.99	3423.88	64.00	1056.00	267.03 N	1021.74 W	1056.05@	284.65	1.93
3693.00	11.08	281.61	3485.57	63.00	1068.75	269.53 N	1034.26 W	1068.80@	284.61	1.96
3757.00	10.99	281.52	3548.39	64.00	1080.99	271.99 N	1046.26 W	1081.04@	284.57	0.14
3821.00	10.90	279.59	3611.23	64.00	1093.12	274.21 N	1058.20 W	1093.16@	284.53	0.59
3885.00	10.55	280.64	3674.11	64.00	1105.00	276.30 N	1069.93 W	1105.03@	284.48	0.63



# PathFinder Energy Services, Inc.

## Survey Report

XTO Energy  
HCU 7-30F  
Uintah COUNTY, UT  
RIG:Frontier #6

Page 03/03

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Retangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
3948.00	9.23	281.52	3736.17	63.00	1115.80	278.38 N	1080.55 W	1115.83@	284.45	2.11
4012.00	8.35	282.49	3799.42	64.00	1125.58	280.41 N	1090.12 W	1125.60@	284.43	1.39
4076.00	7.30	280.20	3862.82	64.00	1134.28	282.13 N	1098.65 W	1134.30@	284.40	1.71
4139.00	6.07	278.97	3925.39	63.00	1141.59	283.36 N	1105.88 W	1141.61@	284.37	1.97
4203.00	5.45	278.27	3989.07	64.00	1147.99	284.32 N	1112.23 W	1148.00@	284.34	0.97
4266.00	4.57	280.91	4051.83	63.00	1153.47	285.23 N	1117.66 W	1153.48@	284.32	1.44
4361.00	2.99	281.08	4146.62	95.00	1159.72	286.42 N	1123.81 W	1159.73@	284.30	1.66
STRAIGHT LINE PROJECTION TO BIT										
4416.00	2.99	281.08	4201.54	55.00	1162.59	286.97 N	1126.62 W	1162.60@	284.29	0.00

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

2. Name of Operator

XTO Energy, Inc.

3a. Address

978 North Crescent Road, Roosevelt, UT. 84066

3b. Phone No. (include area code)

435-722-4521

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2082'FNL & 836' FEL Sec 30 10S, 20E, SLB&M

5. Lease Serial No.

UTU 29784

6. If Indian, Allottee or Tribe Name

Ute tribe

7. If Unit or CA/Agreement, Name and/or No.

76784 A

8. Well Name and No.

Hill Creek Unit 7-30F

9. API Well No.

43-047-37284

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Acidize

☐

Altering Casing

☐

Casing Repair

☐

Change Plans

☐

Convert to Injection

☐

Deepen

☐

Fracture Treat

☐

New Construction

☐

Plug and Abandon

☐

Plug Back

☐

Production (Start/Resume)

☒

Reclamation

☐

Recomplete

☐

Temporarily Abandon

☐

Water Disposal

☐

Water Shut-Off

☐

Well Integrity

☐

Other

Interim Reclamation

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Reclaim reserve pit & reseeded as per APD by Larose Construction

RECEIVED

AUG 01 2008

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Jody Mecham

Title Construction Coordinator

Signature

*Jody Mecham*

Date

7/29/08

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-29784			
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE			
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>7. UNIT or CA AGREEMENT NAME:</b> HILL CREEK			
<b>3. ADDRESS OF OPERATOR:</b> 382 Road 3100 , Aztec, NM, 87410		<b>8. WELL NAME and NUMBER:</b> HCU 7-30F			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2082 FNL 0836 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 30 Township: 10.0S Range: 20.0E Meridian: S		<b>9. API NUMBER:</b> 43047372840000			
<b>PHONE NUMBER:</b> 505 333-3159 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES			
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH			
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>  <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/22/2009  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<b>TYPE OF ACTION</b>  <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: PWOP         </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: PWOP
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> XTO Energy Inc. intends to put this well on pump with the intent of increasing production. Please see the attached procedure.					
<b>Accepted by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> <u>October 29, 2009</u> <b>By:</b> <u>Dan K. Quist</u>					
<b>NAME (PLEASE PRINT)</b> Barbara Nicol		<b>PHONE NUMBER</b> 505 333-3642			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Clerk  <b>DATE</b> 10/26/2009			

ML \_\_\_\_\_  
TJF \_\_\_\_\_

**Hill Creek Unit 07-30F  
Sec 30, T 10 S, R 20 E  
Uintah County, Utah  
API: 43-047-37284  
PWOP AFE# 905690**

**Surf csg:** 13-3/8", 48#, H-40 @ 518'. TOC@ surf.

**Intm csg:** 9-5/8", 36#, J-55, ST&C @ 4,400'. TOC@ surf.

**Prod csg:** 5-1/2", 17#, I-80, LT&C csg @ 8,500'. PBTD (FC) @ 8,452'. Cmted w/65 sks lead (11.0 ppg, 3.13 cf/sk) & 555 sks 65/35/6 blend tail (13.0 ppg, 1.75 cf/sk yield). Did not circ cmt, TOC @ 3,700' via CBL. **Note: wellbore is deviated.**

**Tbg:** 251 jts 2-3/8", 4.7#, L-80, EUE, 8RD tbg. SN @ 8,304', EOT @ 8,306'. **Note: 4-3/4" rocktooth bit, safety sub, & 1/2 BRS pumped off and left in well.**

**Perforations:** WA: 5,544'-47', 5,558'-62', 5,694'-96', 5,713'-15', 6,008'-11', 6,062'-64', 6,078'-80', 6,093'-95', 6,120'-22', 6,493'-98', 6,524'-26', 7,181'-86', 7,280'-82', 7,290'-93'.  
MV: 8,062'-68', 8,204'-08', 8,242'-46', 8,336'-38', 8,395'-99'.

**Recent Prod:** Plngr lift, 200 mcf/d, 1.6 BOPD, 17 BWPD.

**Purpose:** Clean out wellbore, drill out shoe joint, and PWOP.

- 1) MIRU PU. CO and DO FC @ 8,452' and part of shoe joint to +/- 8,490' (**new PBTD**).
- 2) Land 2-7/8" tbg w/EOT @ +/- 8,456', SN @ +/- 8,425'. TIH pump and rods.

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<b>TYPE OF SUBMISSION</b>  <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/2/2009  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<b>TYPE OF ACTION</b>  <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input checked="" type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER         </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION          OTHER: PWOP       </div> </div>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> XTO Energy Inc. has completed acidizing this well & it has been put on a pump per the attached summary report.		
<b>Accepted by the</b> <b>Utah Division of</b> <b>Oil, Gas and Mining</b> <b>FOR RECORD ONLY</b> December 07, 2009		
<b>NAME (PLEASE PRINT)</b> Barbara Nicol		<b>PHONE NUMBER</b> 505 333-3642
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Clerk
<b>DATE</b> 12/4/2009		

## EXECUTIVE SUMMARY REPORT

10/21/2009 - 12/4/2009  
Report run on 12/4/2009 at 2:27 PM

### Hill Creek Unit 07-30F

Section 30-10S-20E, Uintah, Utah, Roosevelt

10/22/2009 First rpt for PWOP. MIRU DHWS #1. Bd & KW w/ 60 bbls 2% KCl wtr. ND WH. NU BOP. PU & TIH w/3 jts 2-3/8" tbg. Tgd fill @ 8414' (FC @ 8452'). TOH w/251 jts 2-3/8", L-80, 4.7#, EUE 8rd tbg, 2-3/8" SN & top sec of BRS. Lt sc BU on ext of tbg fr/5655' - 5920'. Smpl sent in for anal. Recd BHBS in SN. TIH w/4-3/4" WO shoe, bmptr sub & 163 jts tbg. EOT @ 5409'. SD abv top perf. SWI & SDFN.

10/23/2009 ===== Hill Creek Unit 07-30F =====  
Bd & KW w/10 BW. Cont to TIH w/90 jts 2-3/8" tbg. Tgd fill @ 8355'. MIRU pwr swivel & AFU. Estb circion w/AFU in 2-1/2 hrs. CO 59' of sc BU to solid fill @ 8414'. DO approx 1' of fill to 8415' in 2 hrs hrd drlg (poss BRS). Circ cln & KW w/20 BW. RD pwr swivel & AFU. TOH w/93 jts tbg. EOT @ 5409'. SWI & SDFWE.

10/26/2009 ===== Hill Creek Unit 07-30F =====  
Bd & KW w/10 bbls 2% kcl wtr. TOH w/164 jts 2-3/8" tbg. LD BS & WO shoe (Shoe had wear on ID. V. little wear on btm). PU 4-11/16 WO shoe w/2" grapple in top. TIH w/shoe, BS & 256 jts 2-3/8" tbg. RU pwr swivel. RU Tech Foam AFU. Estab circ in 2 hrs. Tgd @ 8,443' (corrected tbg meas), perfs 5,544' - 8,399', FC @ 8,452'. DO 4' in 4 hrs fr/8,443' - 8,447'. Unable to drill deeper, press incr fr/1,200 psig to 1,500 psig when set wt on shoe. Circ well cln. Pmp 10 bbls 2% kcl wtr & kill tbg. RD swivel. RD AFU. Set dwn 10K on fish. TOH w/93 jts 2-3/8" tbg. EOT @ 5409'. SWI. SDFN. Used 194 bbls 2% kcl wtr today.

10/27/2009 ===== Hill Creek Unit 07-30F =====  
Bd & KW w/20 bbls 2% KCl wtr dwn csg. TOH w/164 jts 2-3/8" tbg, BS & 4-11/16 WO shoe dressed w/2" grapple in top (Shoe had wear on ID, v. little wear on btm). No recy of BRS. PU 4-11/16" OS dressed w/3-3/4" grapple. TIH w/fishing BHA & 256 jts 2-3/8" tbg. Pmp 20 bbls 2% KCl wtr dwn tbg while wkng over TOF @ 8,447'. TOH w/256 jts 2-3/8" tbg. Recd btm sec of BRS, 4-3/4" cone bit fish & bmptr sub. TIH w/new 4-3/4" bit, bit sub & 111 jts 2-3/8" EOT @ 3,681'. SWI. SDFN. Used 197 bbls 2% kcl wtr today.

10/28/2009 ===== Hill Creek Unit 07-30F =====  
Bd & kill tbg w/20 bbls 2% KCl wtr. TIH w/145 jts 2-3/8" tbg. Tgd fill @ 8,445', perfs fr/5,544' - 8,399', FC @ 8,452'. RU pwr swivel. RU Tech Foam AFU. Estab circ in 2 hrs. CO 3' of fill fr/8,445' - 8,448' Top of FC tbg meas. DO FC & 36' of cmt to new PBTD of 8,486'. Circ well cln. TOH & LD 106 jts 2-3/8" tbg. EOT @ 5003'. SWI & SDFN. Used 158 bbls 2% KCl wtr today.

10/29/2009 ===== Hill Creek Unit 07-30F =====  
Bd & kill tbg w/20 bbls 2% kcl. Cont TOH & LD 150 jts 2-3/8" tbg, bit & bit sub. PU & TIH w/5-1/2" x 2-3/8" Tech Tac TAC, 1 Jt 2-3/8" L-80 tbg w/1/2" weep hole 1' fr/top, 2-3/8" SN, 2-7/8" x 2-3/8" xo sub & 177 jts 2-7/8" 6.5#, L-80, EUE, 8rd, tbg lined w/Western Falcon "Entertube" poly liner (broach ea jt tbg w/2" OD drift). EOT 5977.14'. Torque all tbg to 1,800#. SWI. SDFN. Used 213 bbls 2% kcl wtr to cntl well today.

10/30/2009 ===== Hill Creek Unit 07-30F =====  
Bd well. Kill tbg w/10 bbls 2% KCl wtr. Contd TIH w/76 jts 2-7/8" 6.5#, L-80, EUE, 8rd, tbg lined w/Western Falcon "Entertube" poly liner. Torque tbg to 1,800 ft/lb, drift ea jt tbg w/2" OD drift. SD & rep ram blocks in BOP as TIH. ND BOP. Set TAC @ 8,456'. Ld tbg in 16 K ten w/donut tbg hgr, SN @ 8,422'. EOT @ 8,456'. PBTD @ 8,486', Wasatch/MV perfs fr/5,544' - 8,399'. RU swab tls. Made 3 swb runs w/undersize cups fr/3,700', 5,700' & 7,600'. BFL @ 6,400' FS. 0 BO, 10 BLW, 3 runs, 1 hr FFL @ 6,400' FS, RD swb tls. SWI. SDFWE.

## EXECUTIVE SUMMARY REPORT

10/21/2009 - 12/4/2009  
Report run on 12/4/2009 at 2:27 PM

===== Hill Creek Unit 07-30F =====

11/2/2009 RU & RIH w/swb tls. BFL @ 5600' FS. S. 0 BO, 27 BLW (Fld smpls of drk wtr w/med - hvy solids, 13 runs, 9 hrs. FFL @ 6100' FS. During 5th swb run well solids stuck swb tls in tbgs @ approx 5800'. Wrk sandline for 30" & pld free, but may have damaged tbgs lining. Hvy sc & sd around tls. Recd sm piece of tbgs lnr (1"x1"). While POH w/last run swb tls BO, leaving spang jars, mandrel & 1 swb cup in tbgs. RD swb tls. Tbg on vac. SWI & SDFN.

===== Hill Creek Unit 07-30F =====

11/3/2009 RU & RIH w/swb tls & 1-3/4" OS. Made 3 atts to fish spang jars & swb mandrel w/no sucess. Recd lrg pieces of Enertube lnr lodged in OS on all 3 runs. RD swb tls. Bd well. ND WH. NU BOP. Rlsd 5-1/2" TAC @ 8456'. TOH w/253 jts 2-7/8", L-80, 6.5#, EUE 8rd tbgs w/Western Falcon poly lnr, 2-7/8"x 2-3/8" XO, 2-3/8" SN, 1 jt 2-3/8" tbgs w/1/2" weep hole & 5-1/2" TAC. Found 5 jts w/hvy damage to poly-lnr as follows: jts #173 & 174 FS @ 5769'- 5825', jts #196 & 197 @ 6499'- 6565' & jt #241 FS @ 8022'- 8055'. Approx 80% of prod strg had scatd wear fr/sandline. Recd spang jars & swb mandrel in SN. KW w/50 BW as per TOH. SWI & SDFN.

===== Hill Creek Unit 07-30F =====

11/4/2009 Bd & KW w/30 BW. TIH w/5-1/2" TAC, 1 Jt 2-3/8" L-80 tbgs w/1/2" weep hole, 2-3/8" SN, 2-7/8" x 2-3/8" xo sub & 252 jts 2-7/8" 6.5#, L-80, EUE, 8rd, tbgs lined w/Western Falcon poly lnr, 22' of 2-7/8" tbgs subs w/poly lnr & 1jt 2-7/8" tbgs w/poly lnr. Drift all tbgs w/2" drift before & after make up. Torque tbgs to 1,800#. LD 33 ttl jts tbgs that would not drift & repld w/new (12 jts w/damage to poly lnr & 21 jts w/bubble in poly lnr 1' abv btm upset). Found several pieces of broken poly lnr while drifting tbgs. EOT @ 8456'. SWI & SDFN.

===== Hill Creek Unit 07-30F =====

11/5/2009 Bd & KW w/30 BW. Set 5-1/2" TAC @ 8456' w/15K ten. Ld prod tbgs on hgr as follows: 1jt 2-7/8", L-80, 6.5#, EUE 8rd tbgs, 22' of 2-7/8", L-80 tbgs subs, 252 jts, L-80 tbgs w/ Western Falcon Entertube poly lnr, 2-3/8" SN, 1jt 2-3/8" tbgs w/1/2" weep hole & 5-1/2" TAC. SN @ 8420', EOT/TAC @ 8456', WA/MV perfs fr/5544'- 8399' & new PBTD @ 8486'. ND BOP. NU WH. MIRU Frac-Tech. Trtd well dwn tbgs w/750 gal 15% HCL ac w/add sc inhibitor & mutual solvent. Flshd w/45 bbls 2% KCl wtr w/0 psig trtg press. RDMO Frac-Tech. SWI for 1hr. MIRU AFU. Estb circion w/AFU in 2-1/2 hrs. Cont'd to circ until cln. KW w/30 BW. RDMO AFU. RU rod equip. PU & loaded pmp @ surf. PU & TIH w/ 8"x 1-1/4" GAC mesh screen, Nat.2"x1-1/4"x16' x19' RHAC pmp (XTO #225), 26K shear tl, 30- 1-1/4" sbs & 30- 3/4" skr d. PU PR. SWI & SDFN.

===== Hill Creek Unit 07-30F =====

11/6/2009 Contd to PU & TIH w/188 - 3/4" skr d, 88 - 7/8" skr d, 1- 2- 7/8" x 8' rod sub & 26' x 1-1/4" PR w/1-1/2" lnr. Seat pmp & PT tbgs to 1000 psig w/20 BW, gd tst. Rlsd press. LS pmp w/rig to 500 psig, GPA. SWO 2' off tag & clamped off rods for PU installation. RDMO DHWS #1. SDFWE. Rpts suspnd turn well over to facilities.

===== Hill Creek Unit 07-30F =====

12/2/2009 The Hill Creek Unit 7-30F PWOP. RWTP @ 1:00 p.m., 12/2/09. IFR 1400 MCFPD. Stroke Length 144". 3.0 SPM. This well is on Route #208. XTO meter #RS0848RF, RTU group #10, Address 169, Hill Creek Tap CDP Meter #RS0756C. Final rpt. Start test data.

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11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input checked="" type="checkbox"/> ACIDIZE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/8/2013	<input type="checkbox"/> ALTER CASING
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS
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	<input type="checkbox"/> CHANGE WELL STATUS
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS
	<input type="checkbox"/> CONVERT WELL TYPE
	<input type="checkbox"/> DEEPEN
	<input type="checkbox"/> FRACTURE TREAT
	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE
	<input type="checkbox"/> PLUG AND ABANDON
	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME
	<input type="checkbox"/> RECLAMATION OF WELL SITE
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF
	<input type="checkbox"/> SI TA STATUS EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. has performed an acid treatment on this well per the attached summary report.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 February 19, 2013

<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 303-397-3736	<b>TITLE</b> Regulatory Compliance Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 2/14/2013	



## **Hill Creek Unit 07-30F**

**1/23/2013:** TIH w/ Ms clr, SN & 166 jt's 2.375", 4.7#, L-80 EUE tbgr. MIRU ac pmp trk. Pmp 250 gls 15% HCL, flshd w/ 21 bls TFW. TIH w/ EOT @ 5,990', Pmp 250 gls 15% HCL, flshd w/ 21 bls TFW. TIH w/ EOT @ 7,170', Pmp 250 gls 15% HCL, flshd w/ 27 bls TFW. TIH w/ 243 jt's 2.375", 4.7#, L-80 EUE tbgr ttl. Ld tbgr on hngr. EOT @ 8,042'. SN @ 8,041'. Pmp 250 gls 15% HCL, flshd w/ 40 bls TFW. RU swb tls, BFL @ 5,900' FS. S. 0 BO, 12 BLW, 3 runs, 2 hrs. FFL @ 5,900' FS, SICP 150 psig, drk fluid, trace sed, PH 7.

**1/24/2013:** RU swb tls, BFL 5,900' FS. S. 0 BO, 55 BLW, 15 runs, 8 hrs. KWO. SICP 200, FTP 50-0 psig. 48/48 ck. F 0 BO, 15 BW. PH 6-7. Cln water w/ trace sed. Well flowed 1.5 hrs died.

**1/25/2013:** RU swb tls, BFL 6,200' FS. S. 0 BO, 15 BLW, 3 runs, 3 hrs. KWO. SICP 200, FTP 50-0 psig. 48/48 ck. F 0 BO, 15 BW. Cln water w/ trce sed. Well flowed 1.5 hrs died. RDMOSU SWI BHPBU.

**2/5/2013:** MIRU SWU. Bd tbgr to prod tk. RU swb tls & RIH. BFL @ 6,400' FS. S. 0 BO, 36 BW, 13 runs (10 hrs). FFL @ 6,900' FS. SITP 230 psig, SICP 307 psig. Dropd new PCS dual pad plngr. Plngr would not cycl.

**2/6/2013:** RU swb tls & RIH. BFL @ 6,400' FS. S. 0 BO, 36 BW, 13 runs (10 hrs). FFL @ 6,900' FS. SITP 230 psig, SICP 307 psig. Dropd new PCS dual pad plngr. Plngr would not cycl.

**2/7/2013:** RU swb tls & RIH. BFL @ 6,300' FS. S. 0 BO, 18 BW, 5 runs (9 hrs). FFL @ 7,300' FS. SITP 240 psig, SICP 288 psig. Dropd PCS dual pad plngr. Plngr would not cycl.

**2/8/2013:** RU swb tls & RIH. BFL @ 6,300' FS. S. 0 BO, 8 BW, 3 runs (5 hrs). FFL @ 6,500' FS. SITP 200 psig, SICP 301 psig. Dropd PCS dual pad plngr & SWI for 55". Plngr would not cycl. SWI & RDMO SWU.

=====Hill Creek Unit 07-30F=====